STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER GMBU H-2-9-15	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** MONUMENT BUTTE
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME** GMBU (GRRV)
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-43538	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ● FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ● FEE ○	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●
19. SLANT VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1893 FNL 1639 FWL	SENW	2	9.0 S	15.0 E	S
Top of Uppermost Producing Zone	1528 FNL 2091 FWL	SENW	2	9.0 S	15.0 E	S
At Total Depth	1171 FNL 2510 FEL	NWNE	2	9.0 S	15.0 E	S

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1171	**23. NUMBER OF ACRES IN DRILLING UNIT** 20
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1031	**26. PROPOSED DEPTH** MD: 6415 TVD: 6415
27. ELEVATION - GROUND LEVEL 5949	**28. BOND NUMBER** B001834	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6415	15.5	J-55 LT&C	8.3	Premium Lite High Strength	305	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 07/29/2011	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013509080000

APPROVAL

Permit Manager

RECEIVED: September 20, 2011

NEWFIELD PRODUCTION COMPANY
GMBU H-2-9-15
AT SURFACE: SE/NW SECTION 2, T9S, R15E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1620'
Green River	1620'
Wasatch	6240'
Proposed TD	6415'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1620' – 6240'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

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4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU H-2-9-15

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,415'	15.5	J-55	LTC	4,810 2.36	4,040 1.98	217,000 2.18

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU H-2-9-15

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,415'	Prem Lite II w/ 10% gel + 3% KCl	305 994	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

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An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

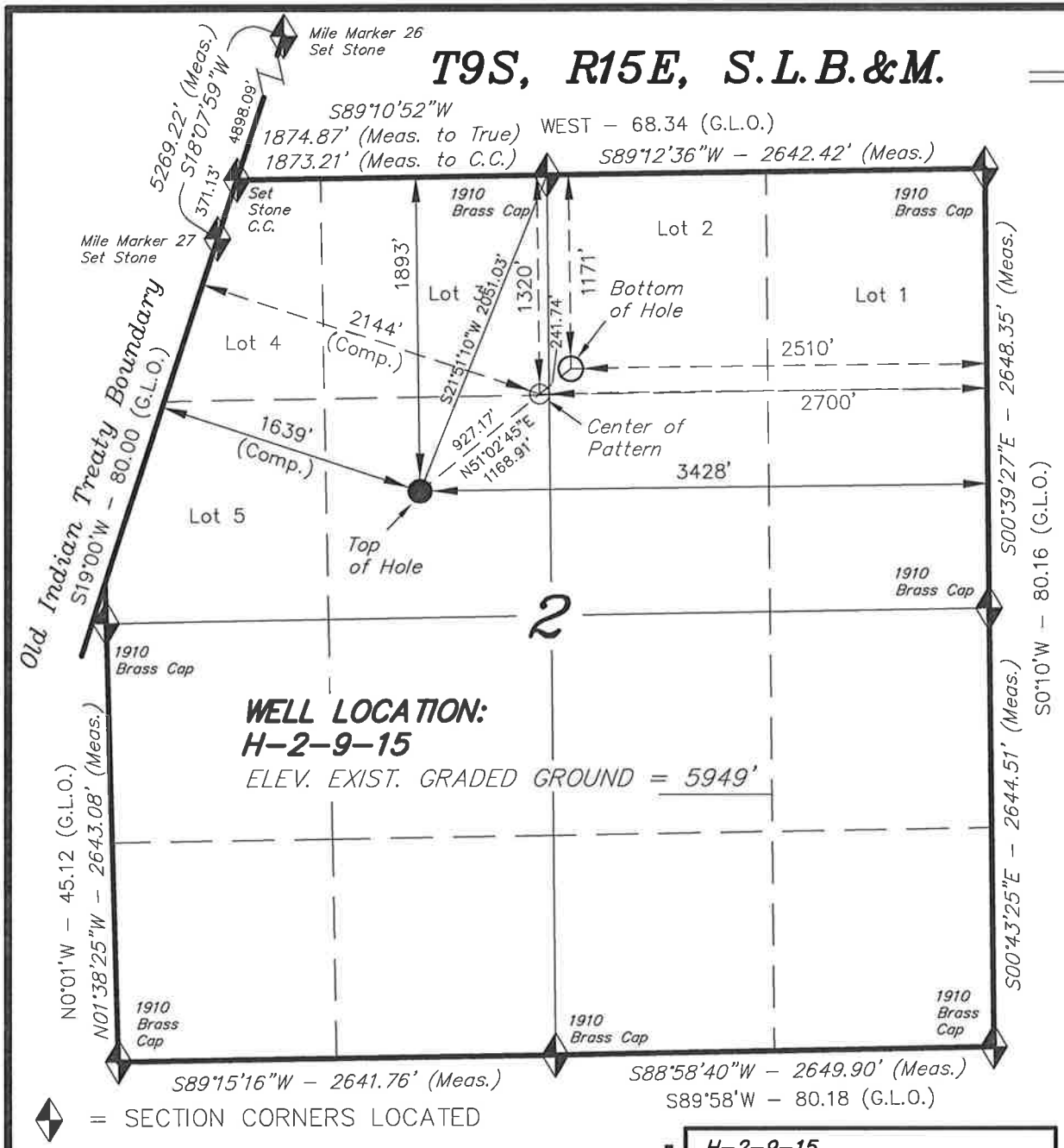
It is anticipated that the drilling operations will commence the third quarter of 2011, and take approximately seven (7) days from spud to rig release.

RECEIVED: July 29, 2011

API Well Number: 43013509080000

T9S, R15E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, H-2-9-15, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, H-2-9-15, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 (LOT 2) OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Proposed Well head bears S21°51'10"W 2051.03' from the North 1/4 Corner of Section.*

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 07-08-11 STACY W. STEWART STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

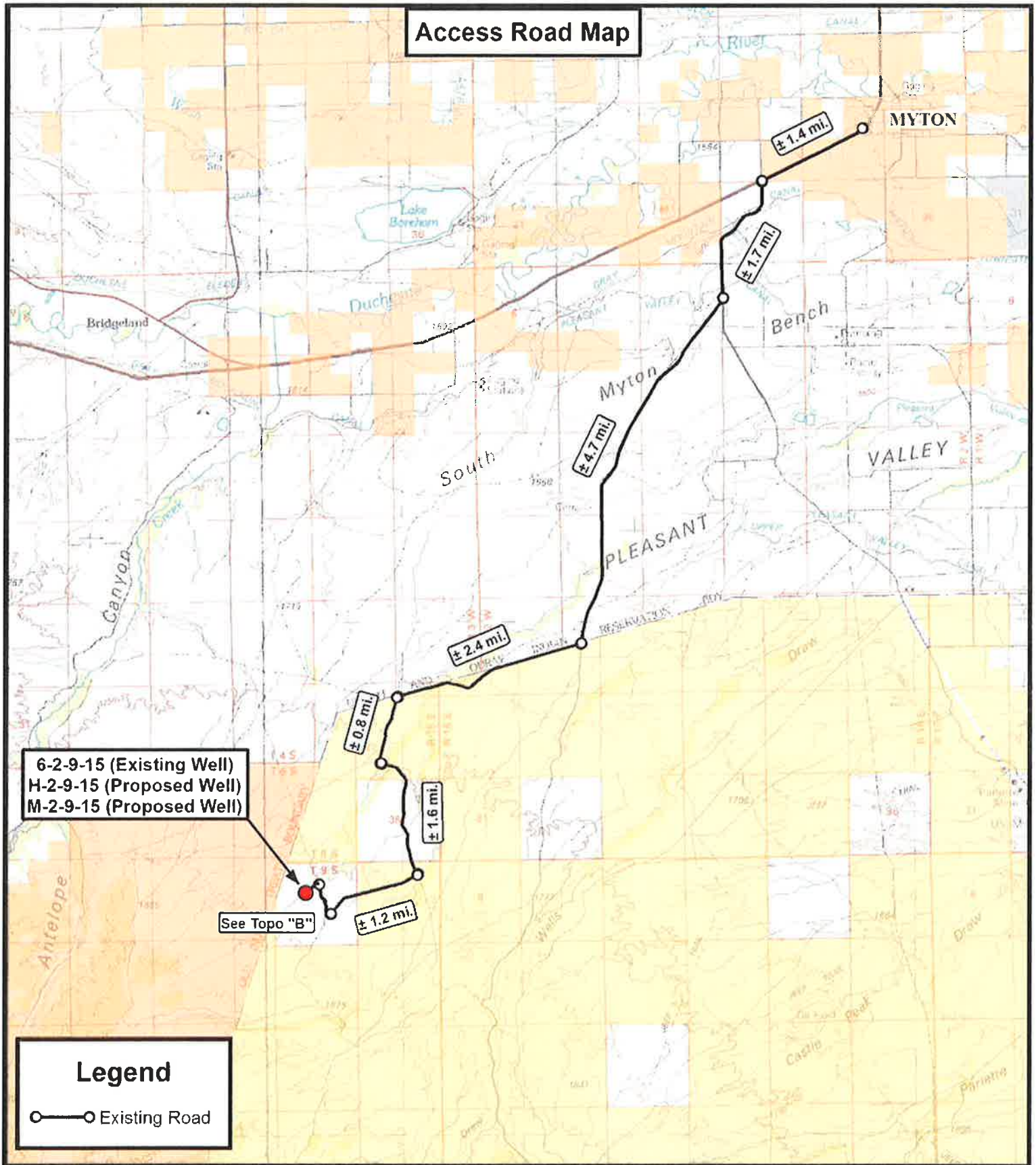
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

H-2-9-15
(Surface Location) NAD 83
LATITUDE = 40° 03' 43.29"
LONGITUDE = 110° 12' 07.81"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-03-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 07-06-11	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	

API Well Number: 43013509080000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

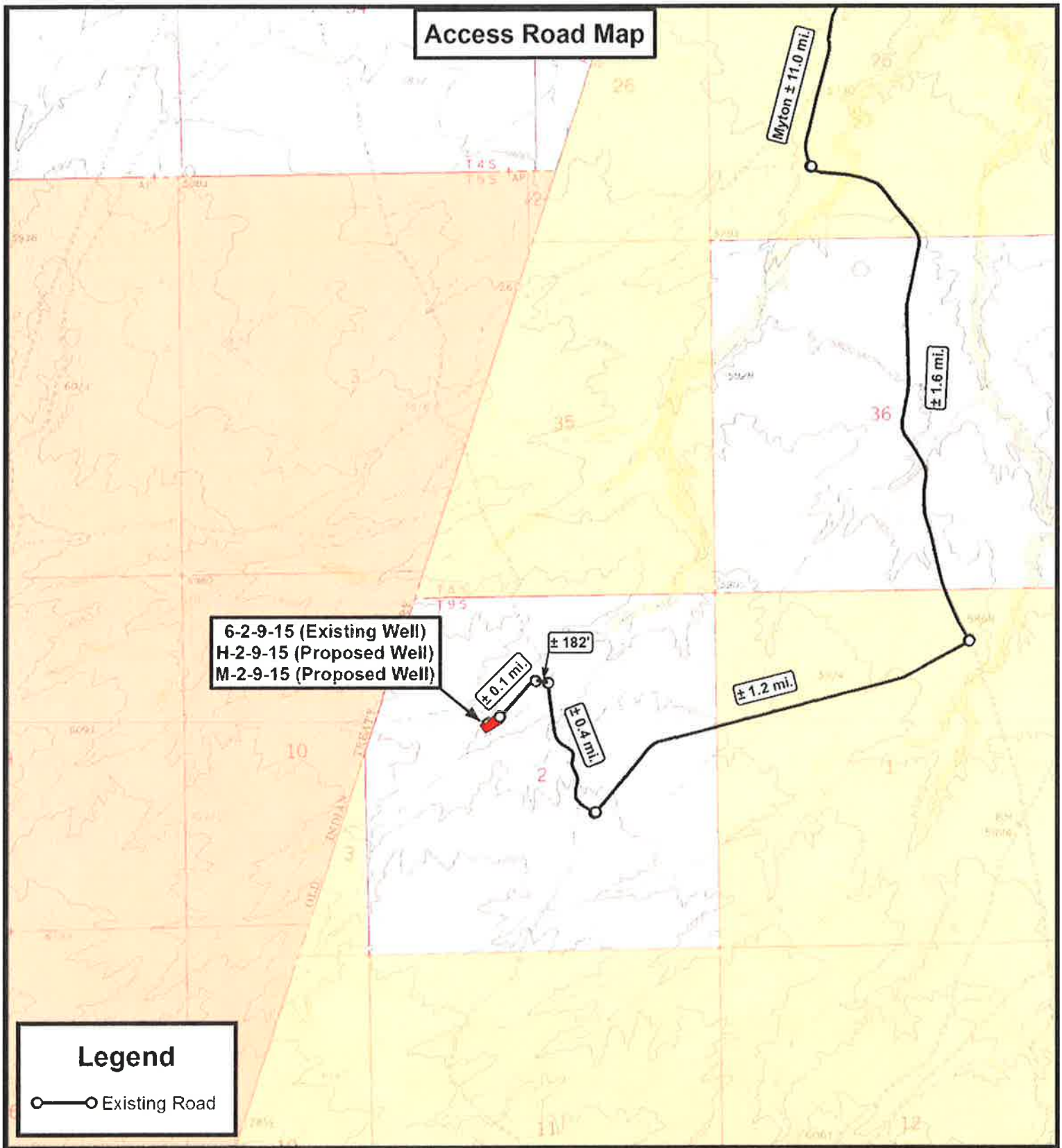
6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013509080000



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NEWFIELD EXPLORATION COMPANY

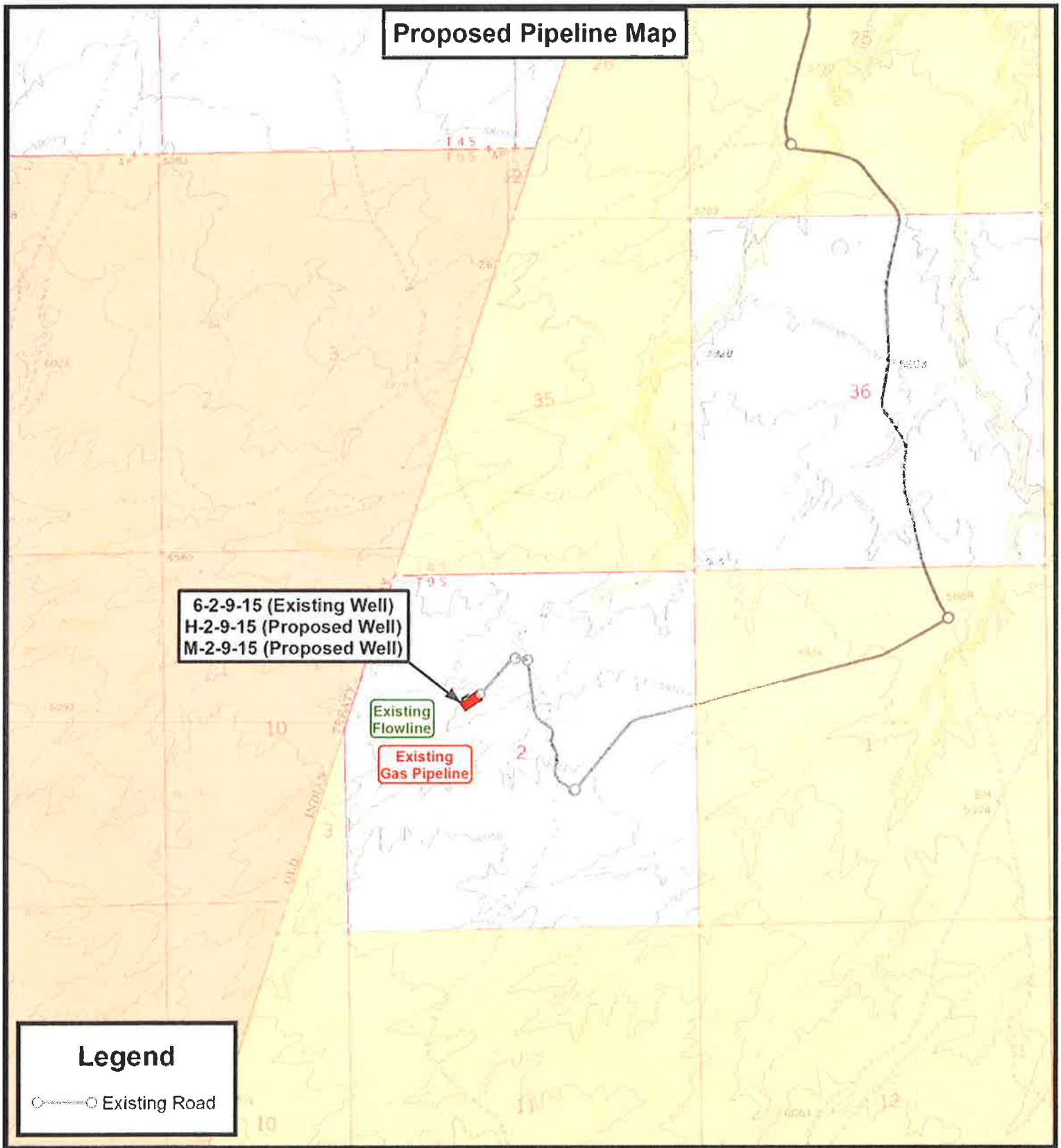
6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013509080000



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N

NEWFIELD EXPLORATION COMPANY

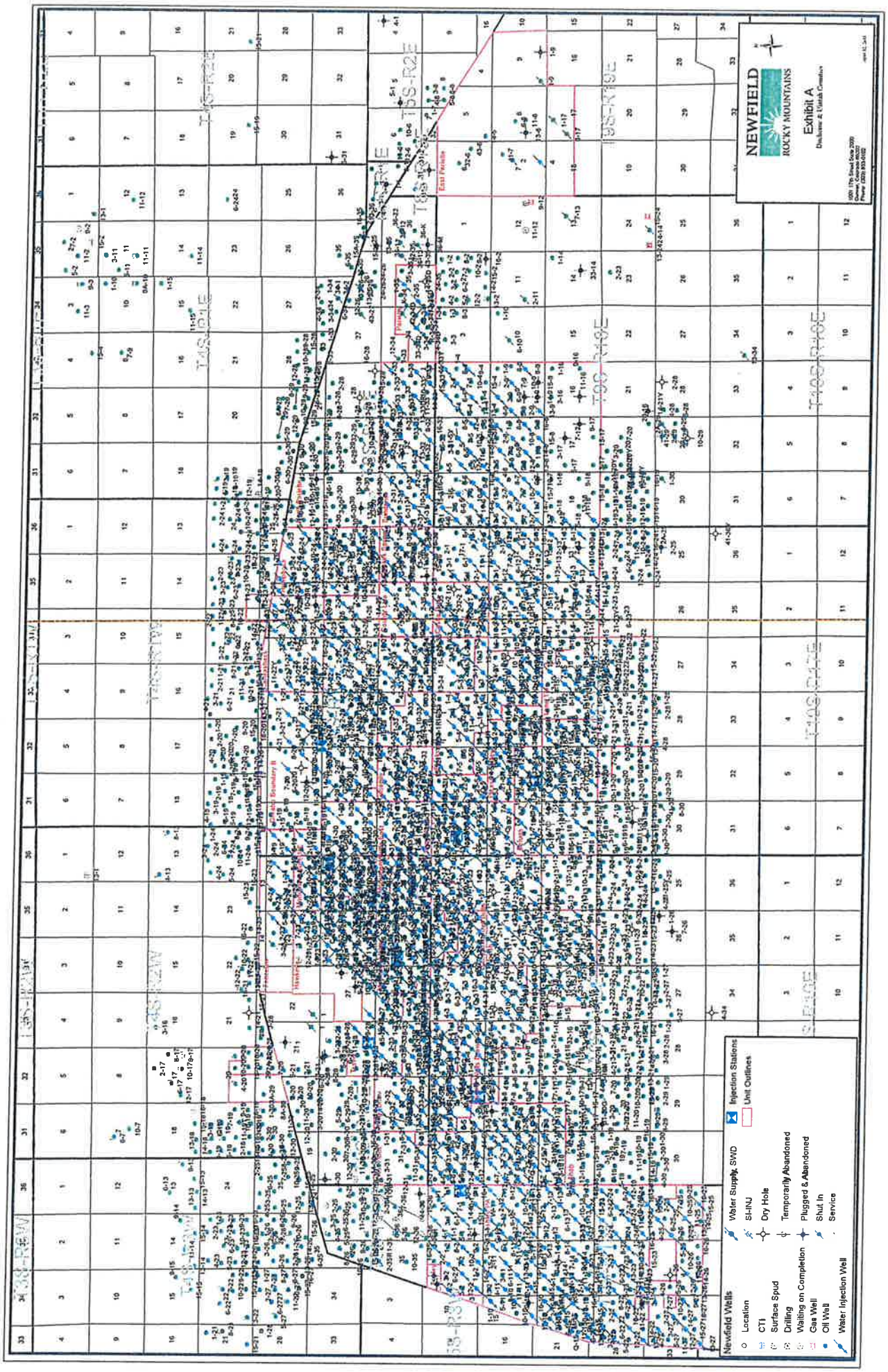
6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

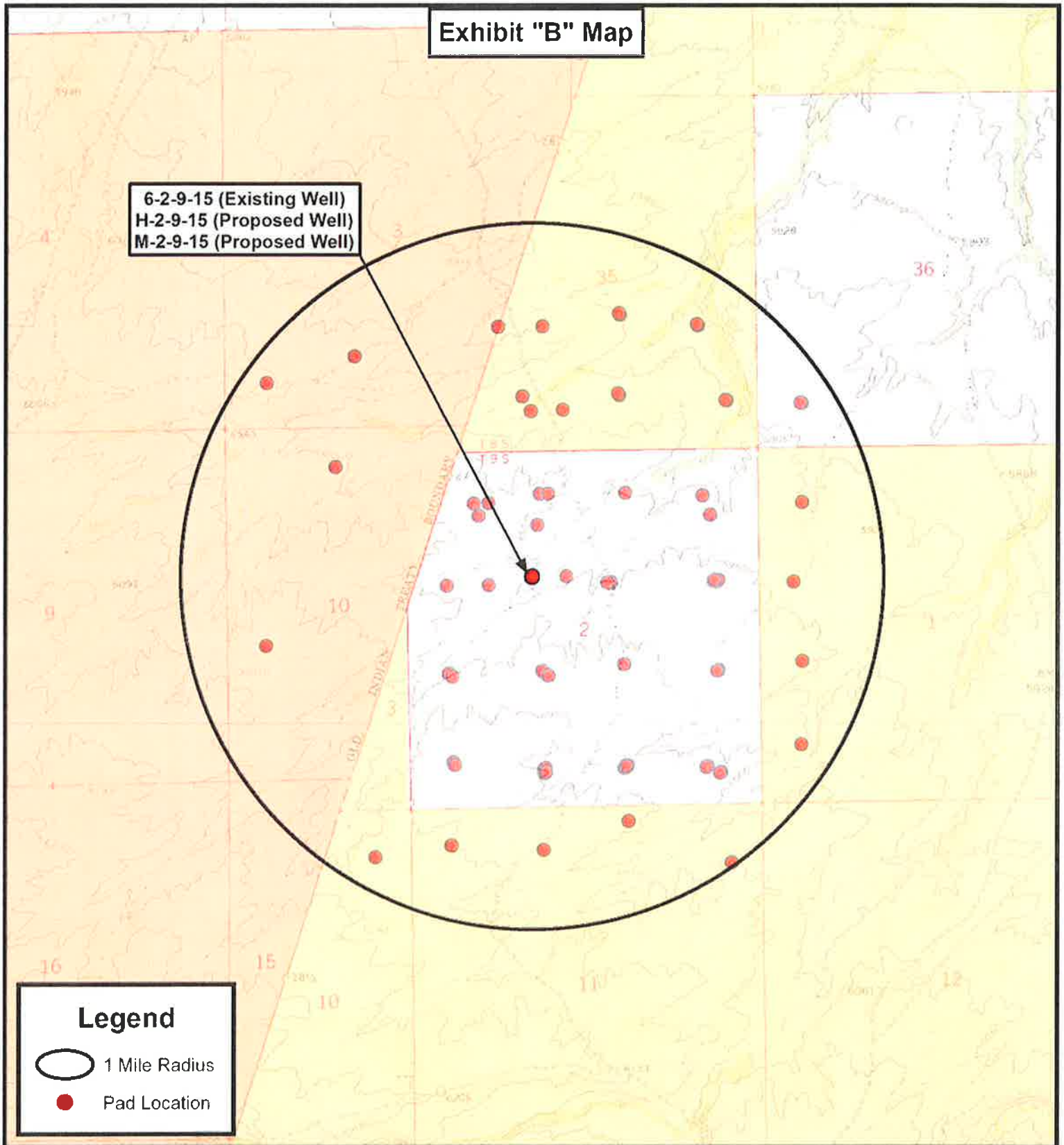
SHEET C

API Well Number: 43013509080000



API Well Number: 43013509080000

Exhibit "B" Map



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N

NEWFIELD EXPLORATION COMPANY

6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 2 T9, R15
H-2-9-15

Wellbore #1

Plan: Design #1

Standard Planning Report

25 June, 2011

RECEIVED: July 29, 2011

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well H-2-9-15
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	H-2-9-15 @ 5961.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	H-2-9-15 @ 5961.0ft (Newfield Rig)
Site:	SECTION 2 T9, R15	**North Reference:**	Grid
Well:	H-2-9-15	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 2 T9, R15

Site Position:		**Northing:**	7,191,145.41 ft	**Latitude:**	40° 3' 15.350 N
From:	Lat/Long	**Easting:**	2,005,088.49 ft	**Longitude:**	110° 11' 49.770 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.83 °

Well H-2-9-15, SHL LAT: 40 03 43.29 LONG: -110 12 07.81

Well Position	**+N/-S**	2,806.3 ft	**Northing:**	7,193,951.74 ft	**Latitude:**	40° 3' 43.290 N
	+E/-W	-1,443.6 ft	**Easting:**	2,003,644.93 ft	**Longitude:**	110° 12' 7.810 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,961.0 ft	**Ground Level:**	5,949.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/06/25	11.37	65.78	52,254

Design Design #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5,200.0	0.0	0.0	51.05

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,433.4	12.50	51.05	1,426.8	56.9	70.4	1.50	1.50	0.00	51.05	
5,298.2	12.50	51.05	5,200.0	582.9	721.0	0.00	0.00	0.00	0.00	H-2-9-15 TGT
6,414.7	12.50	51.05	6,290.0	734.9	909.0	0.00	0.00	0.00	0.00	

RECEIVED: July 29, 2011

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well H-2-9-15
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	H-2-9-15 @ 5961.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	H-2-9-15 @ 5961.0ft (Newfield Rig)
Site:	SECTION 2 T9, R15	**North Reference:**	Grid
Well:	H-2-9-15	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	51.05	700.0	0.8	1.0	1.3	1.50	1.50	0.00
800.0	3.00	51.05	799.9	3.3	4.1	5.2	1.50	1.50	0.00
900.0	4.50	51.05	899.7	7.4	9.2	11.8	1.50	1.50	0.00
1,000.0	6.00	51.05	999.3	13.2	16.3	20.9	1.50	1.50	0.00
1,100.0	7.50	51.05	1,098.6	20.5	25.4	32.7	1.50	1.50	0.00
1,200.0	9.00	51.05	1,197.5	29.6	36.6	47.0	1.50	1.50	0.00
1,300.0	10.50	51.05	1,296.1	40.2	49.7	64.0	1.50	1.50	0.00
1,400.0	12.00	51.05	1,394.2	52.5	64.9	83.5	1.50	1.50	0.00
1,433.4	12.50	51.05	1,426.8	56.9	70.4	90.6	1.50	1.50	0.00
1,500.0	12.50	51.05	1,491.8	66.0	81.6	105.0	0.00	0.00	0.00
1,600.0	12.50	51.05	1,589.5	79.6	98.5	126.6	0.00	0.00	0.00
1,700.0	12.50	51.05	1,687.1	93.2	115.3	148.3	0.00	0.00	0.00
1,800.0	12.50	51.05	1,784.7	106.8	132.1	169.9	0.00	0.00	0.00
1,900.0	12.50	51.05	1,882.3	120.4	149.0	191.6	0.00	0.00	0.00
2,000.0	12.50	51.05	1,980.0	134.0	165.8	213.2	0.00	0.00	0.00
2,100.0	12.50	51.05	2,077.6	147.7	182.6	234.9	0.00	0.00	0.00
2,200.0	12.50	51.05	2,175.2	161.3	199.5	256.5	0.00	0.00	0.00
2,300.0	12.50	51.05	2,272.9	174.9	216.3	278.1	0.00	0.00	0.00
2,400.0	12.50	51.05	2,370.5	188.5	233.1	299.8	0.00	0.00	0.00
2,500.0	12.50	51.05	2,468.1	202.1	250.0	321.4	0.00	0.00	0.00
2,600.0	12.50	51.05	2,565.7	215.7	266.8	343.1	0.00	0.00	0.00
2,700.0	12.50	51.05	2,663.4	229.3	283.6	364.7	0.00	0.00	0.00
2,800.0	12.50	51.05	2,761.0	242.9	300.5	386.4	0.00	0.00	0.00
2,900.0	12.50	51.05	2,858.6	256.5	317.3	408.0	0.00	0.00	0.00
3,000.0	12.50	51.05	2,956.3	270.1	334.1	429.7	0.00	0.00	0.00
3,100.0	12.50	51.05	3,053.9	283.7	351.0	451.3	0.00	0.00	0.00
3,200.0	12.50	51.05	3,151.5	297.4	367.8	473.0	0.00	0.00	0.00
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3,500.0	12.50	51.05	3,444.4	338.2	418.3	537.9	0.00	0.00	0.00
3,600.0	12.50	51.05	3,542.0	351.8	435.1	559.6	0.00	0.00	0.00
3,700.0	12.50	51.05	3,639.7	365.4	452.0	581.2	0.00	0.00	0.00
3,800.0	12.50	51.05	3,737.3	379.0	468.8	602.9	0.00	0.00	0.00
3,900.0	12.50	51.05	3,834.9	392.6	485.6	624.5	0.00	0.00	0.00
4,000.0	12.50	51.05	3,932.5	406.2	502.5	646.1	0.00	0.00	0.00
4,100.0	12.50	51.05	4,030.2	419.8	519.3	667.8	0.00	0.00	0.00
4,200.0	12.50	51.05	4,127.8	433.4	536.1	689.4	0.00	0.00	0.00
4,300.0	12.50	51.05	4,225.4	447.1	553.0	711.1	0.00	0.00	0.00
4,400.0	12.50	51.05	4,323.1	460.7	569.8	732.7	0.00	0.00	0.00
4,500.0	12.50	51.05	4,420.7	474.3	586.6	754.4	0.00	0.00	0.00
4,600.0	12.50	51.05	4,518.3	487.9	603.5	776.0	0.00	0.00	0.00
4,700.0	12.50	51.05	4,616.0	501.5	620.3	797.7	0.00	0.00	0.00
4,800.0	12.50	51.05	4,713.6	515.1	637.1	819.3	0.00	0.00	0.00
4,900.0	12.50	51.05	4,811.2	528.7	654.0	841.0	0.00	0.00	0.00
5,000.0	12.50	51.05	4,908.8	542.3	670.8	862.6	0.00	0.00	0.00
5,100.0	12.50	51.05	5,006.5	555.9	687.6	884.3	0.00	0.00	0.00
5,200.0	12.50	51.05	5,104.1	569.5	704.5	905.9	0.00	0.00	0.00

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well H-2-9-15
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	H-2-9-15 @ 5961.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	H-2-9-15 @ 5961.0ft (Newfield Rig)
Site:	SECTION 2 T9, R15	**North Reference:**	Grid
Well:	H-2-9-15	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,298.2	12.50	51.05	5,200.0	582.9	721.0	927.2	0.00	0.00	0.00
5,300.0	12.50	51.05	5,201.7	583.2	721.3	927.6	0.00	0.00	0.00
5,400.0	12.50	51.05	5,299.4	596.8	738.1	949.2	0.00	0.00	0.00
5,500.0	12.50	51.05	5,397.0	610.4	755.0	970.8	0.00	0.00	0.00
5,600.0	12.50	51.05	5,494.6	624.0	771.8	992.5	0.00	0.00	0.00
5,700.0	12.50	51.05	5,592.2	637.6	788.6	1,014.1	0.00	0.00	0.00
5,800.0	12.50	51.05	5,689.9	651.2	805.5	1,035.8	0.00	0.00	0.00
5,900.0	12.50	51.05	5,787.5	664.8	822.3	1,057.4	0.00	0.00	0.00
6,000.0	12.50	51.05	5,885.1	678.4	839.1	1,079.1	0.00	0.00	0.00
6,100.0	12.50	51.05	5,982.8	692.0	856.0	1,100.7	0.00	0.00	0.00
6,200.0	12.50	51.05	6,080.4	705.6	872.8	1,122.4	0.00	0.00	0.00
6,300.0	12.50	51.05	6,178.0	719.2	889.6	1,144.0	0.00	0.00	0.00
6,400.0	12.50	51.05	6,275.6	732.9	906.5	1,165.7	0.00	0.00	0.00
6,414.7	12.50	51.05	6,290.0	734.9	909.0	1,168.9	0.00	0.00	0.00

API Well Number: 43013509080000

NEWFIELD

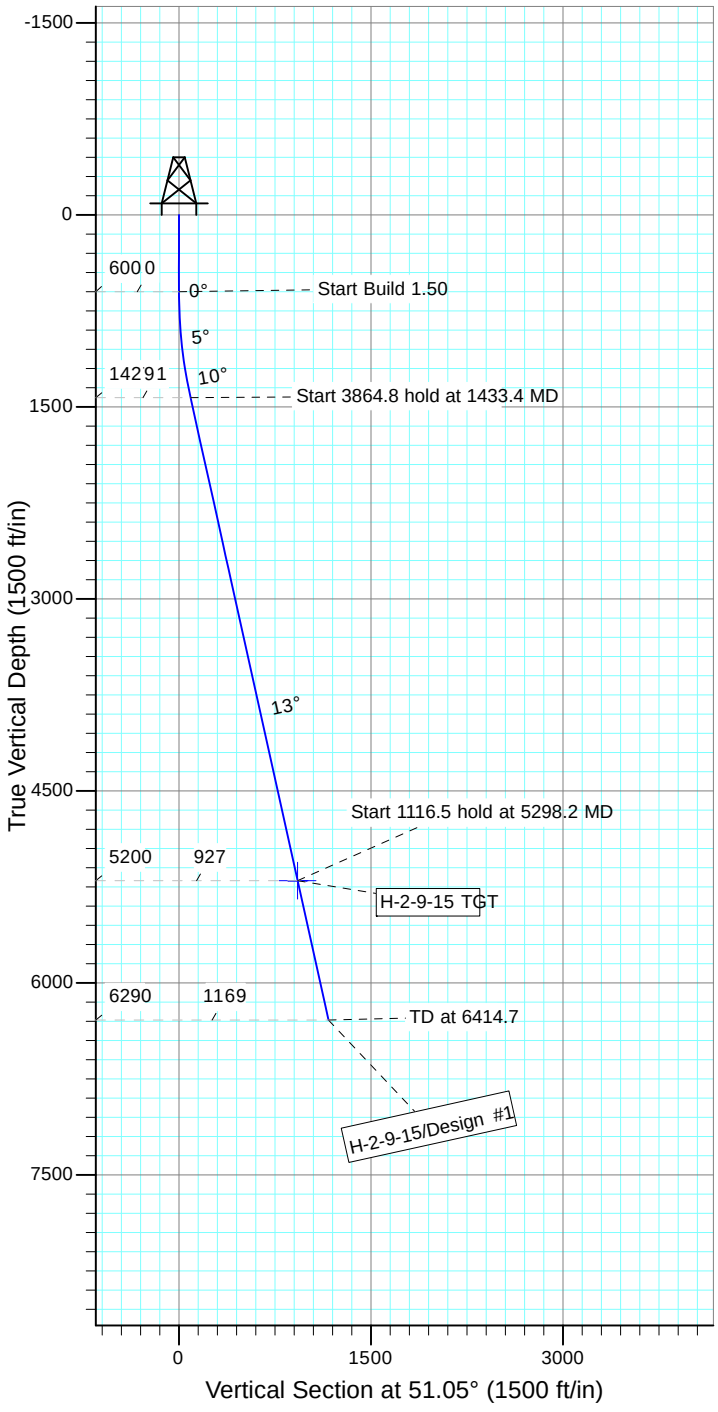
Project: USGS Myton SW (UT)
Site: SECTION 2 T9, R15
Well: H-2-9-15
Wellbore: Wellbore #1
Design: Design #1

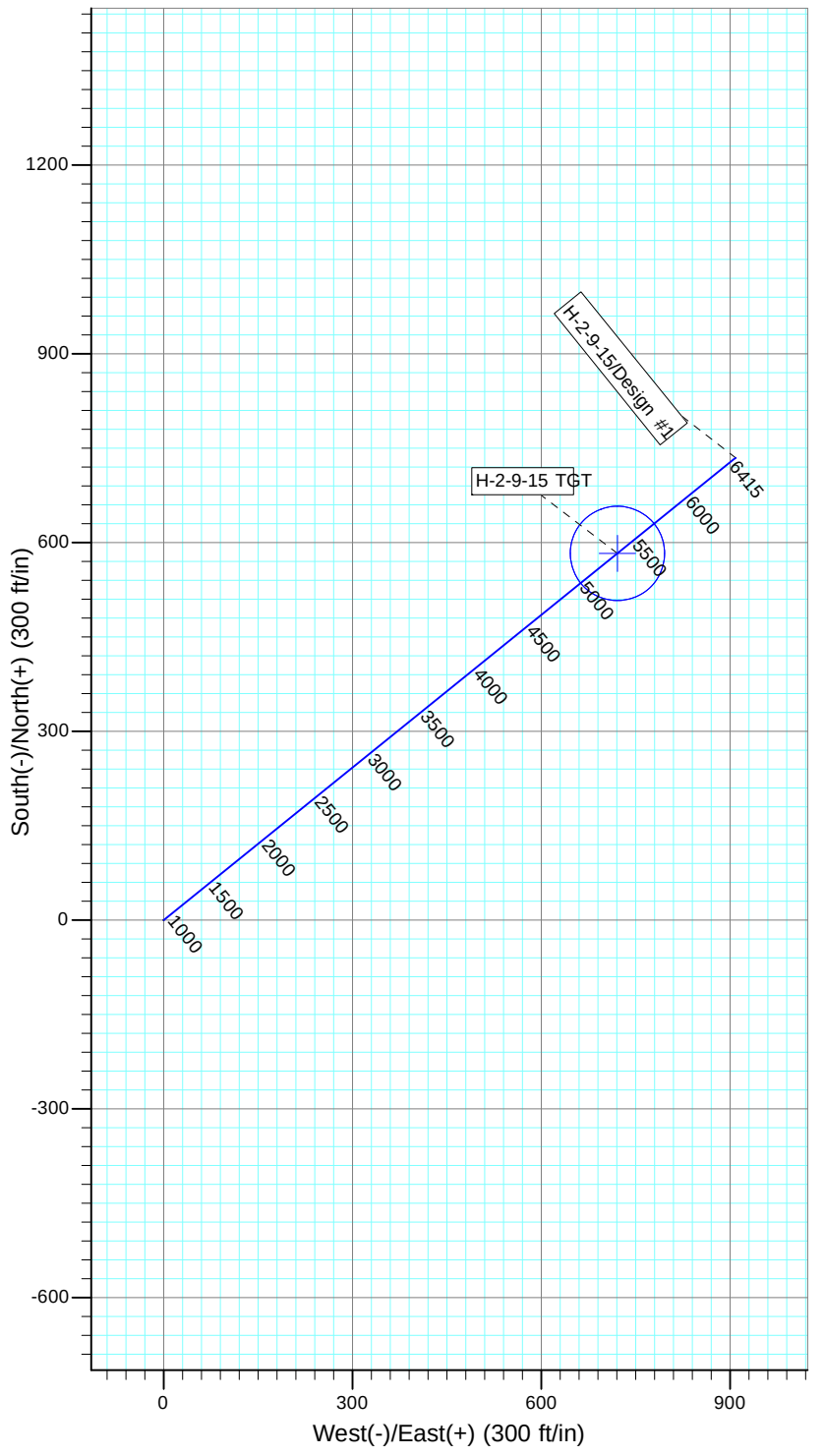
T G M

Azimuths to Grid North
True North: -0.83°
Magnetic North: 10.54°

Magnetic Field
Strength: 52253.6snT
Dip Angle: 65.78°
Date: 2011/06/25
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
H-2-9-15 TGT	5200.0	582.9	721.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1433.4	12.50	51.05	1426.8	56.9	70.4	1.50	51.05	90.6	
4	5298.2	12.50	51.05	5200.0	582.9	721.0	0.00	0.00	927.2	H-2-9-15 TGT
5	6414.7	12.50	51.05	6290.0	734.9	909.0	0.00	0.00	1168.9	

PAYZONE DIRECTIONAL

NEWFIELD PRODUCTION COMPANY
GMBU H-2-9-15
AT SURFACE: SE/NW SECTION 2, T9S, R15E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU H-2-9-15 located in the SE 1/4 NW 1/4 Section 2, T9S, R15E, Duchesen County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly – 6.4 miles ± to it's junction with an existing road to the southwest; proceed southwesterly – 2.4 miles ± to it's junction with an existing road to the southwest; proceed southwesterly – 0.8 miles ± to it's junction with an existing road to the southeast; proceed southeasterly – 1.6 miles ± to it's junction with an existing road to the southwest; proceed southwesterly – 1.2 miles ± to it's junction with an existing road to the northwest; proceed northwesterly – 0.4 miles ± to it's junction with an existing road to the west; proceed westerly and then southwesterly – 0.2 miles ± to the existing 6-2-9-15 well pad.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 6-2-9-15 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

RECEIVED: July 29, 2011

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ***ANCILLARY FACILITIES***

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – State of Utah.

11. ***OTHER ADDITIONAL INFORMATION :***

RECEIVED: July 29, 2011

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-03-MQ-0751b,s 11/18/03, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 7/28/03. See attached report cover pages, Exhibit "D".

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU H-2-9-15, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU H-2-9-15, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

RECEIVED: July 29, 2011

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #H-2-9-15, Section 2, Township 9S, Range 15E: Lease ML-43538 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

7/29/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

RECEIVED: July 29, 2011

API Well Number: 43013509080000

2-M SYSTEM

Blowout Prevention Equipment Systems

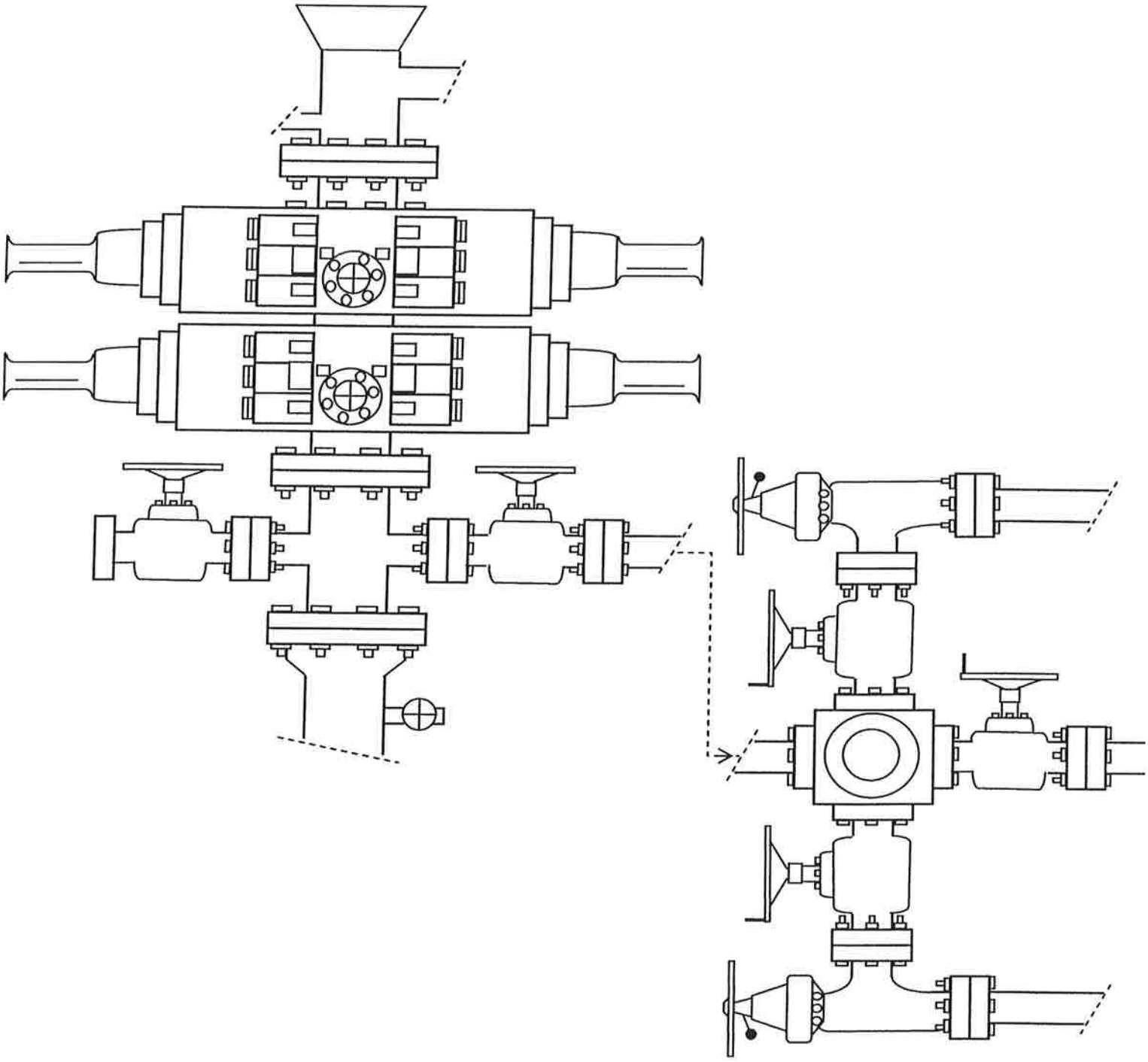


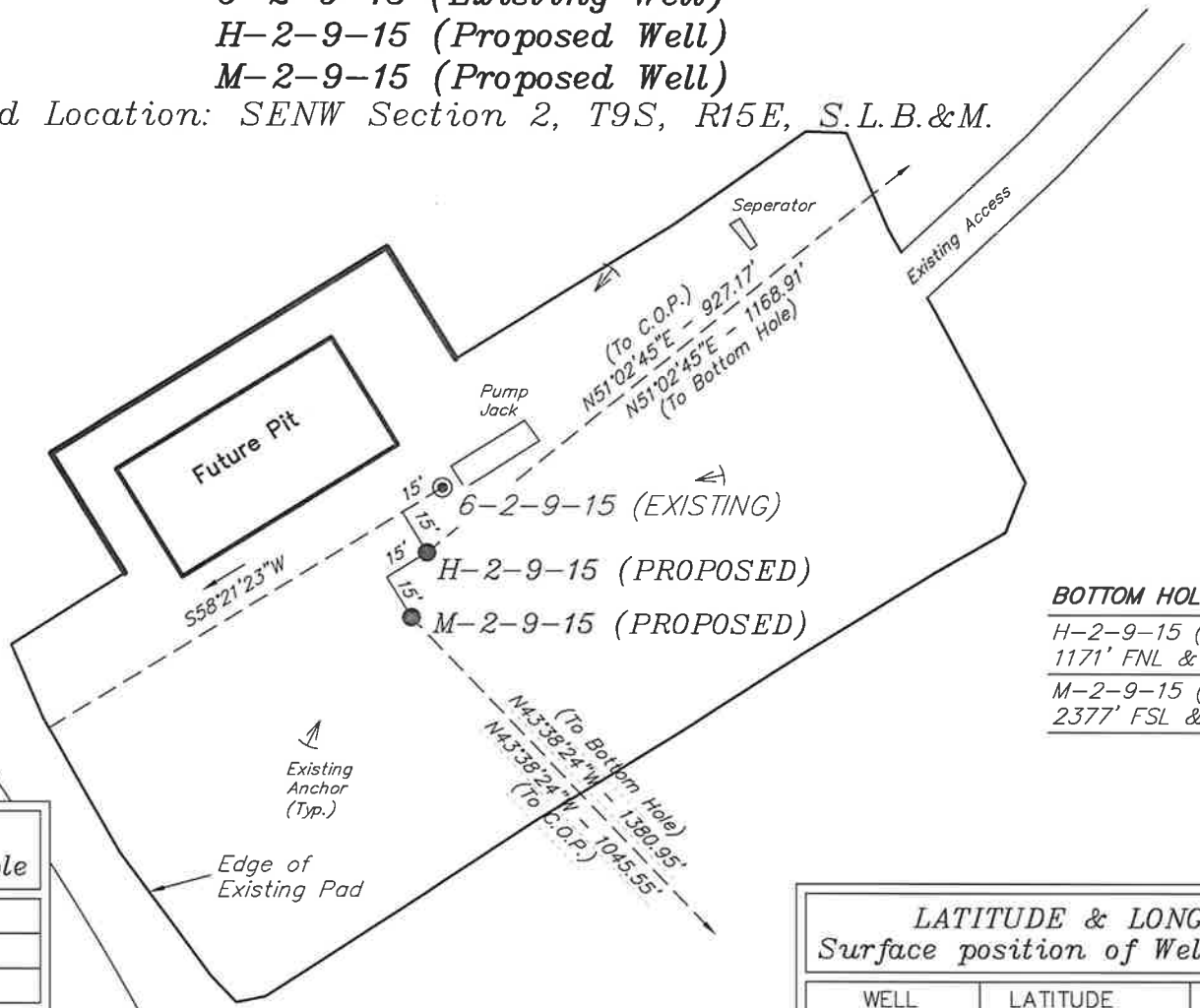
EXHIBIT C

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)

Pad Location: SENW Section 2, T9S, R15E, S.L.B.&M.



TOP HOLE FOOTAGES

H-2-9-15 (PROPOSED)
1893' FNL & 3428' FEL

M-2-9-15 (PROPOSED)
1913' FNL & 3433' FEL

CENTER OF PATTERN FOOTAGES

H-2-9-15 (PROPOSED)
1320' FSL & 2700' FEL

M-2-9-15 (PROPOSED)
2680' FNL & 2720' FEL

BOTTOM HOLE FOOTAGES

H-2-9-15 (PROPOSED)
1171' FNL & 2510' FEL

M-2-9-15 (PROPOSED)
2377' FSL & 2492' FEL

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
H-2-9-15	583'	721'
M-2-9-15	-757'	722'

RELATIVE COORDINATES
From Top Hole to C.O.P.

WELL	NORTH	EAST
H-2-9-15	735'	909'
M-2-9-15	-999'	953'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
6-2-9-15	40° 03' 43.49"	110° 12' 07.75"
H-2-9-15	40° 03' 43.29"	110° 12' 07.81"
M-2-9-15	40° 03' 43.09"	110° 12' 07.88"

SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 07-06-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

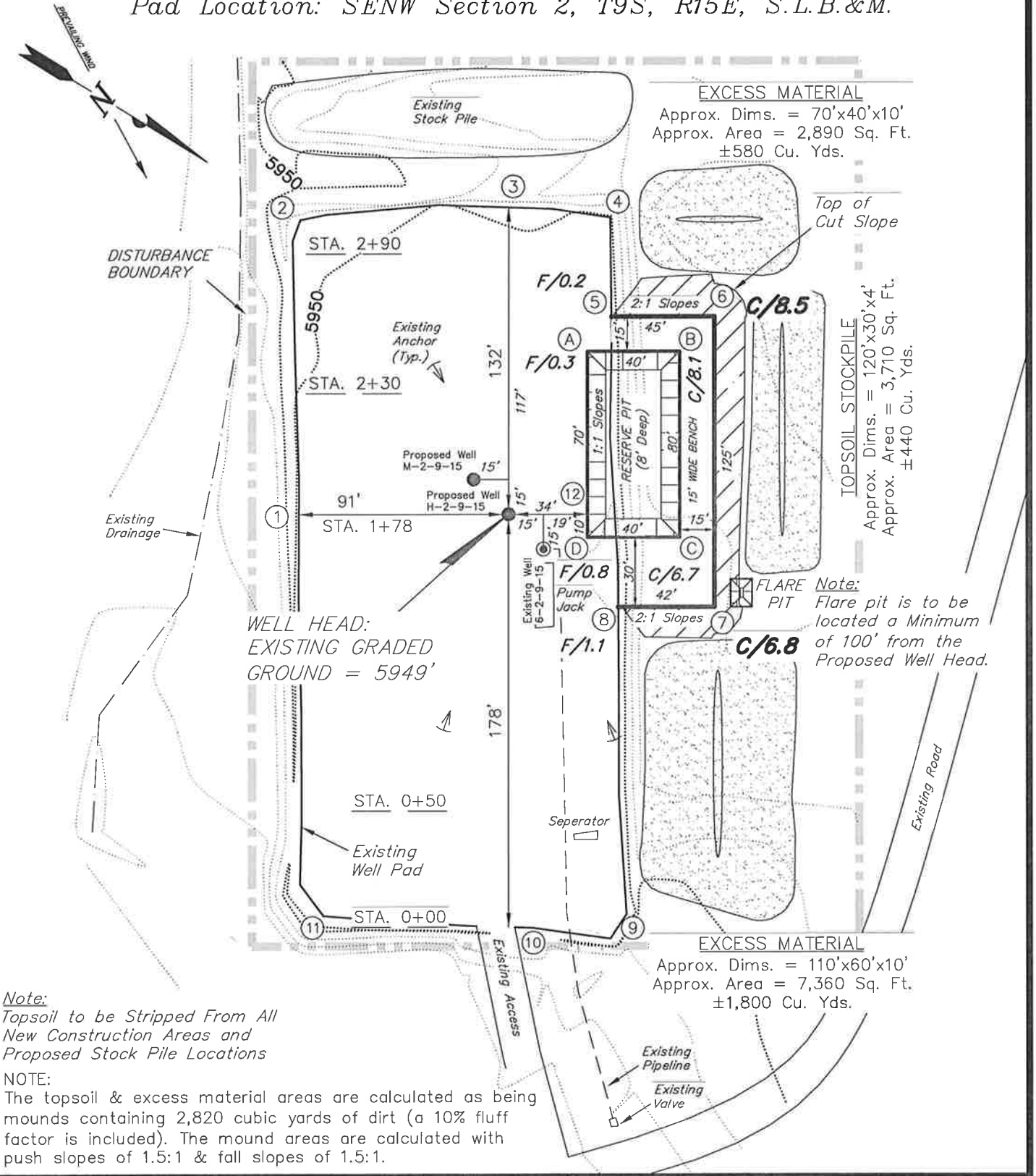
API Well Number: 43013509080000

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)

Pad Location: SENW Section 2, T9S, R15E, S.L.B.&M.



Note:
Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 2,820 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 07-11-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

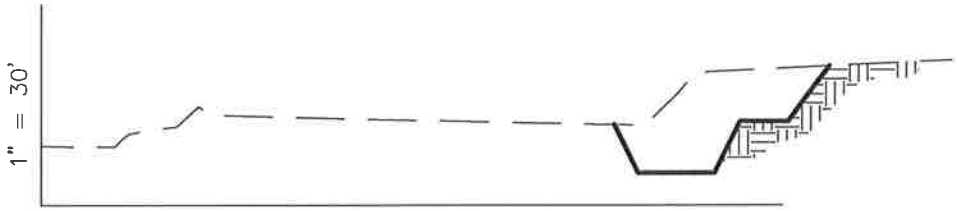
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

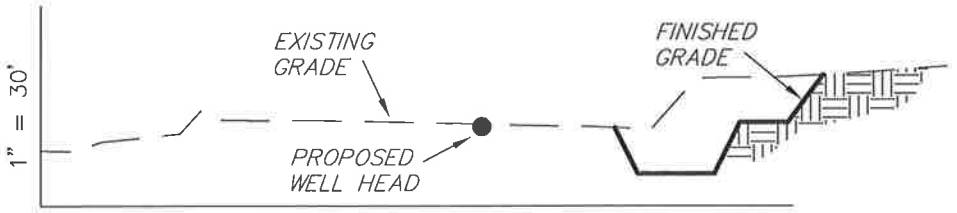
6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)

Pad Location: SENW Section 2, T9S, R15E, S.L.B.&M.

STA. 2+90



STA. 2+30



STA. 1+78

STA. 0+50

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,530	50	Topsoil is not included in Pad Cut	1,480
PIT	690	0		690
TOTALS	2,220	50	400	2,170

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 07-11-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

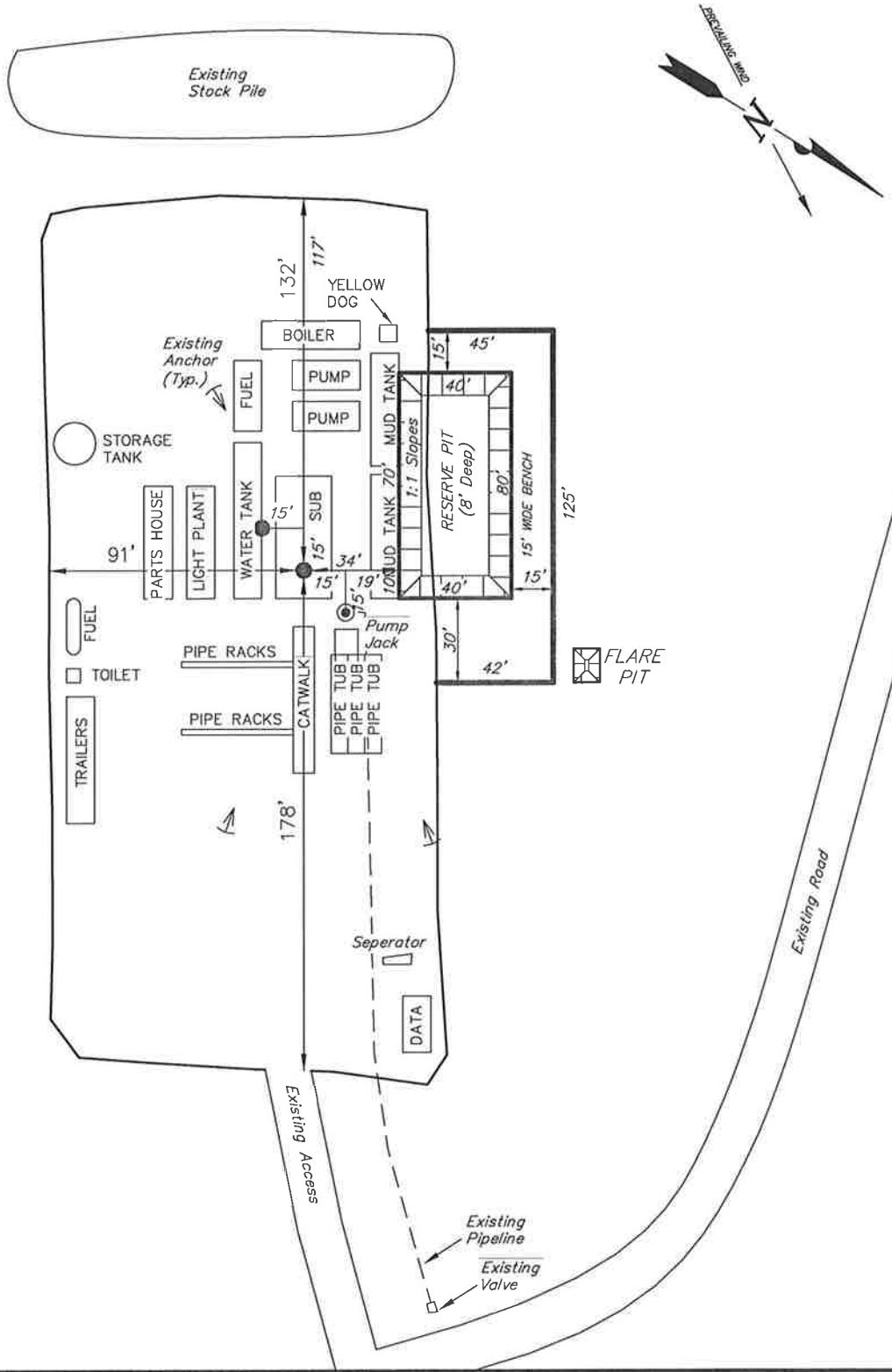
API Well Number: 43013509080000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

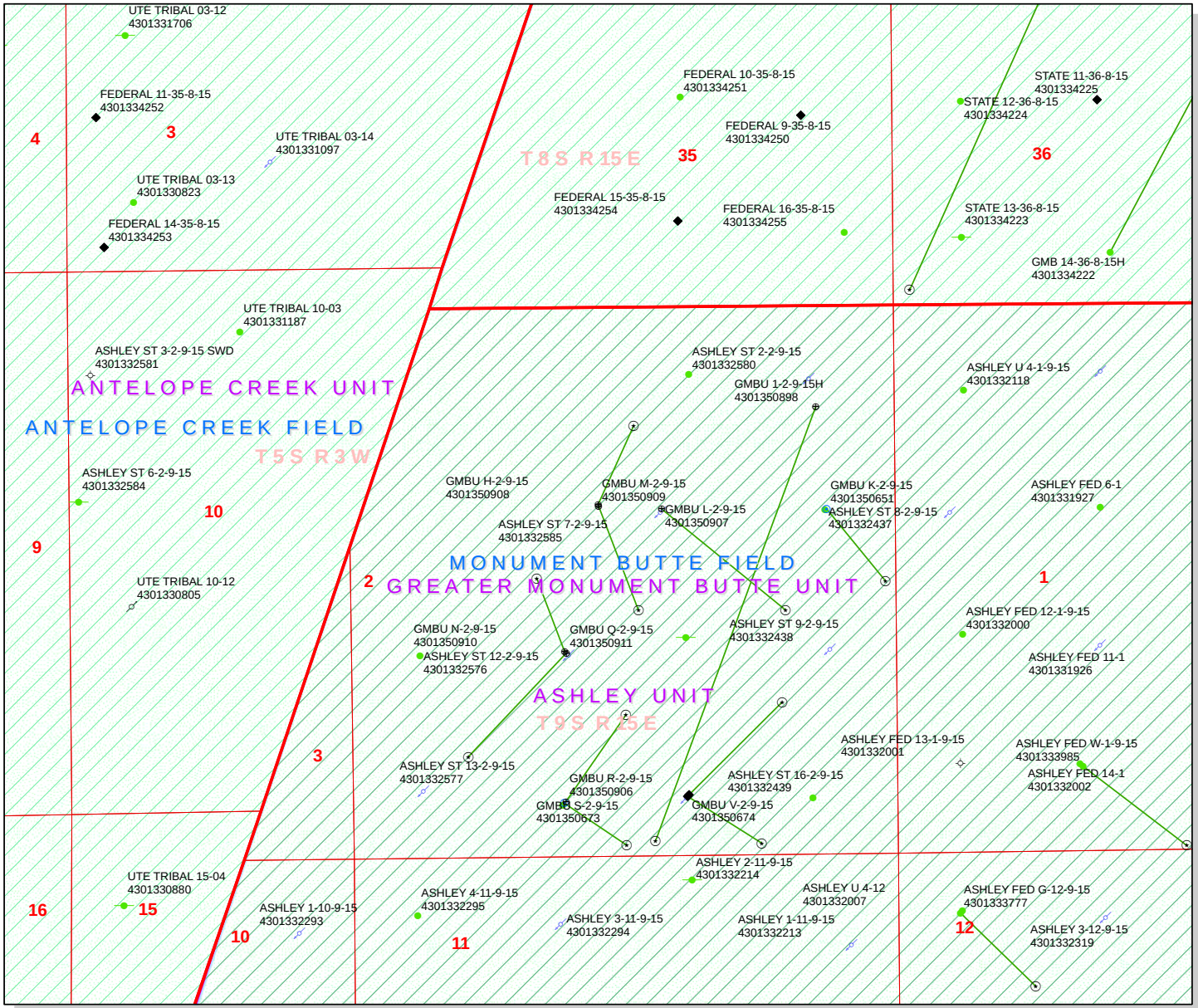
6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)

Pad Location: SENW Section 2, T9S, R15E, S.L.B.&M.



SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 07-11-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

API Well Number: 43013509080000



API Number: 4301350908

Well Name: GMBU H-2-9-15

Township T0.9 . Range R1.5 . Section 02

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED
Sections
Township

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well

1,250 625 0 1,250 Feet

1:12,000

RECEIVED: August 03, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 3, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50906	GMBU R-2-9-15	Sec 02 T09S R15E 0561 FSL 2050 FWL
		BHL Sec 02 T09S R15E 1367 FSL 2620 FEL
43-013-50907	GMBU L-2-9-15	Sec 02 T09S R15E 1977 FNL 2241 FEL
		BHL Sec 02 T09S R15E 2357 FSL 1068 FEL
43-013-50908	GMBU H-2-9-15	Sec 02 T09S R15E 1893 FNL 1639 FWL
		BHL Sec 02 T09S R15E 1171 FNL 2510 FEL
43-013-50909	GMBU M-2-9-15	Sec 02 T09S R15E 1913 FNL 1641 FWL
		BHL Sec 02 T09S R15E 2377 FSL 2492 FEL
43-013-50910	GMBU N-2-9-15	Sec 02 T09S R15E 2015 FSL 2037 FWL
		BHL Sec 02 T09S R15E 2615 FNL 1043 FWL
43-013-50911	GMBU Q-2-9-15	Sec 02 T09S R15E 2001 FSL 2053 FWL
		BHL Sec 02 T09S R15E 0994 FSL 1106 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.08.03 14:18:49 -06'00'

RECEIVED: August 04, 2011

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-3-11

RECEIVED: **August 04, 2011**

NEWFIELD
ROCKY MOUNTAINS

VIA ELECTRONIC DELIVERY

August 9, 2011

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU H-2-9-15
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R15E Section 2: SENW (ML-43538)
1893' FNL 1639' FWL

At Target: T9S-R15E Section 2: NWNE (ML-43538)
1171' FNL 2510' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 7/28/2011, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4153 or by email at pburns@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Peter Burns
Land Associate

API Well Number: 43013509080000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-43538	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. UNIT or CA AGREEMENT NAME: Greater Monument Butte
2. NAME OF OPERATOR: Newfield Production Company	9. WELL NAME and NUMBER: GMBU H-2-9-15
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052 / PHONE NUMBER: (435) 646-3721	10. FIELD AND POOL, OR WILDCAT: Monument Butte
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SE/NW 1893' FNL 1639' FWL Sec. 2 T9S R15E AT PROPOSED PRODUCING ZONE: NW/NE 1171' FNL 2510' FEL Sec. 2 T9S R15E	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 9S 15E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 14.3 miles southwest of Myton, Utah	12. COUNTY: Duchesne / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): Approx. 1171' f/lse line, NA' f/unit line	16. NUMBER OF ACRES IN LEASE: 621.07 acres / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 1031'	19. PROPOSED DEPTH: 6,415 / 20. BOND DESCRIPTION: #B001834
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5949' GL	22. APPROXIMATE DATE WORK WILL START: 3rd Qrtr. 2011 / 23. ESTIMATED DURATION: (15) days from SPUD to rig release

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	300	Class G w/2% CaCl	138 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,415	Lead(Prem Lite II)	305 sx +/-	3.26	11.0
					Tail (50/50 Poz)	363 sx +/-	1.24	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

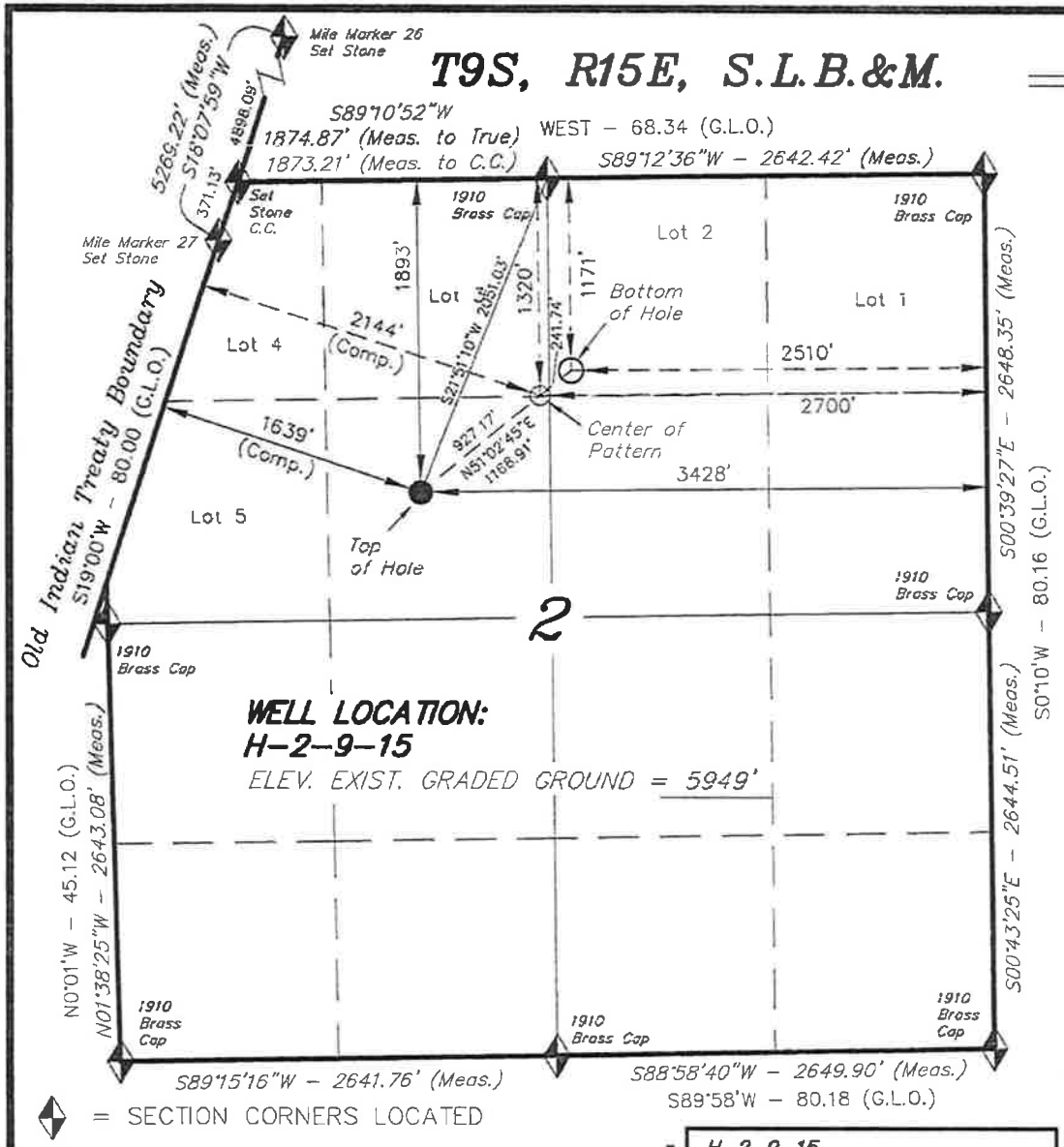
SIGNATURE Mandie Crozier DATE 7/28/11

(This space for State use only)

API NUMBER ASSIGNED: _____ APPROVAL:

(11/2001) (See Instructions on Reverse Side)

T9S, R15E, S.L.B.&M.



= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

H-2-9-15
(Surface Location) NAD 83
LATITUDE = 40° 03' 43.29"
LONGITUDE = 110° 12' 07.81"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, H-2-9-15, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, H-2-9-15, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 (LOT 2) OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

NOTES:
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Proposed Well head bears S21°51'10"W 2051.03' from the North 1/4 Corner of Section.

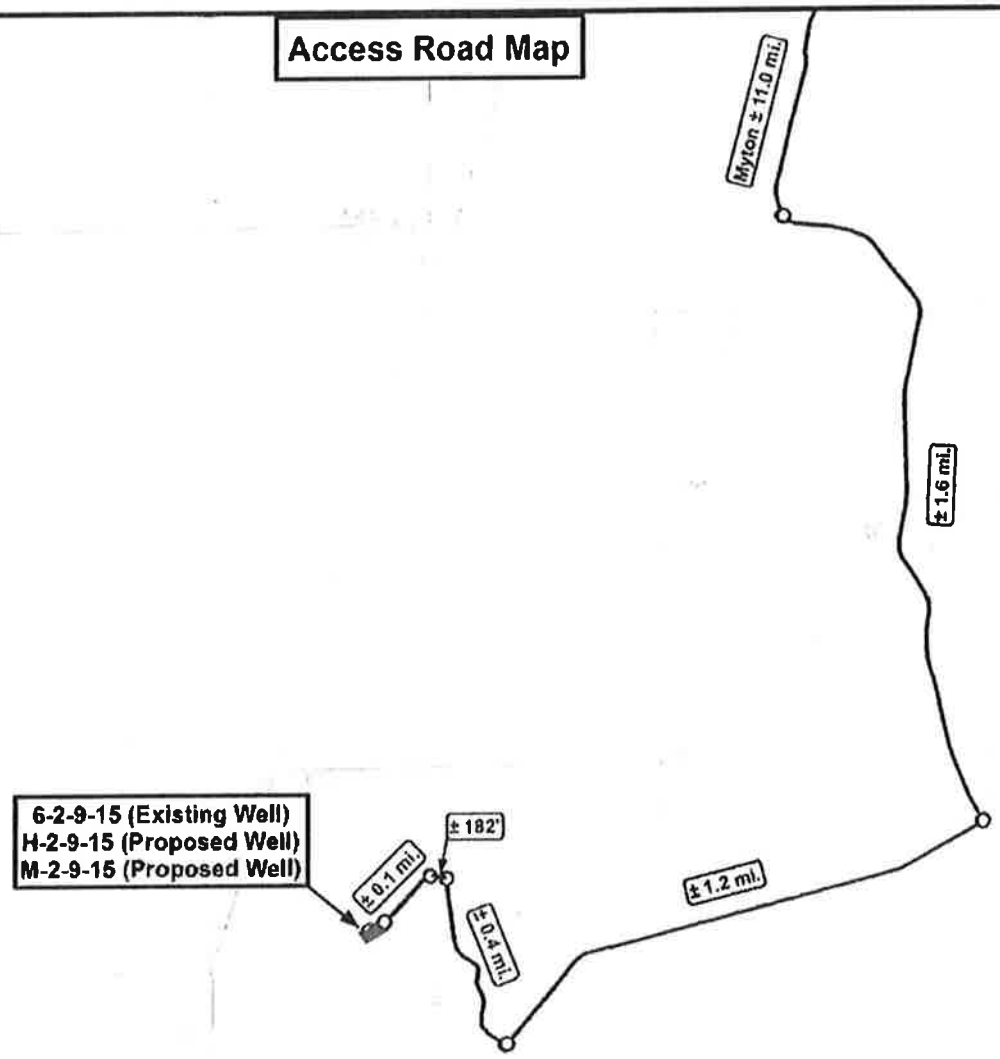
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
07-08-11
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No.
STATE OF UTAH
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-03-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 07-06-11	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



Legend

Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

6-2-9-15 (Existing Well)
H-2-9-15 (Proposed Well)
M-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013509080000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY GMBU H-2-9-15 43013509080000

Well Name	NEWFIELD PRODUCTION COMPANY GMBU H-2-9-15 43013			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6290		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2724	8.3		

Calculations	Surf String	8.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	129		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	93	YES	air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	63	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	63	NO	OK
Required Casing/BOPE Test Pressure=		300	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	2747		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1992	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1363	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1429	NO	Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		300	psi	*Assumes 1psi/ft frac gradient

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
***Max Pressure Allowed @ Previous Casing Shoe=**			psi	*Assumes 1psi/ft frac gradient

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	

RECEIVED: September 20, 2011

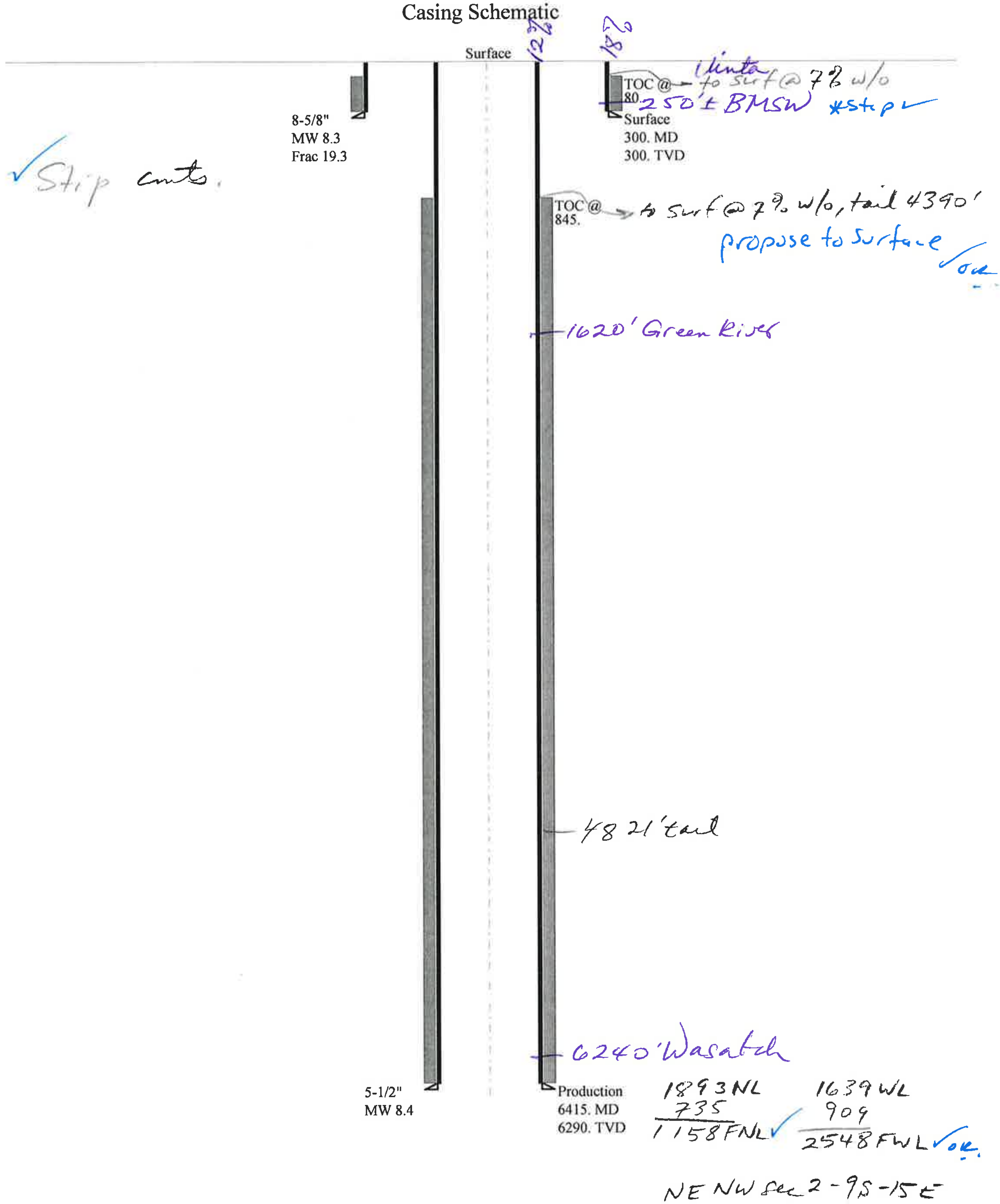
***Max Pressure Allowed @ Previous Casing Shoe=**		psi *Assumes 1psi/ft frac gradient

RECEIVED: September 20, 2011

API Well Number: 43013509080000

43013509080000 GMBU H-2-9-15

Casing Schematic



Well name:	**43013509080000 GMBU H-2-9-15**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-50908
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 262 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 80 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,290 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,745 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1544

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	130	1370	10.557	300	2950	9.83	7.2	244	33.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: August 18,2011
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013509080000 GMBU H-2-9-15**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-013-50908
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,361 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,745 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,596 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 162 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 845 ft

Directional Info - Build & Hold
Kick-off point 600 ft
Departure at shoe: 1169 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 12.5 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6415	5.5	15.50	J-55	LT&C	6290	6415	4.825	22651

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2745	4040	1.472	2745	4810	1.75	97.5	217	2.23 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: August 18,2011
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6290 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

From: Jim Davis
To: Hill, Brad; Mason, Diana
CC: Bonner, Ed; Garrison, LaVonne; mcrozier@newfield.com; teaton@newfield...
Date: 9/20/2011 3:45 PM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA including arch and paleo clearance.

4304751877	GMBU I-32-8-18
4304751878	GMBU H-32-8-18
4304751879	GMBU L-32-8-18
4304751880	GMBU R-32-8-18
4304751881	GMBU M-32-8-18
4304751882	GMBU G-32-8-18
4304751883	GMBU N-32-8-18
4304751884	GMBU S-32-8-18
4301350898	GMBU 1-2-9-15H
4301350906	GMBU R-2-9-15
4301350907	GMBU L-2-9-15
4301350908	GMBU H-2-9-15
4301350909	GMBU M-2-9-15
4301350910	GMBU N-2-9-15
4301350911	GMBU Q-2-9-15

Thanks.
-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

RECEIVED: **September 20, 2011**

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY							
Well Name	GMBU H-2-9-15							
API Number	43013509080000			**APD No**	4288	**Field/Unit**	MONUMENT BUTTE	
Location: 1/4,1/4	SENW	**Sec** 2	**Tw** 9.0S	**Rng** 15.0E	1893 FNL	1639 FWL		
GPS Coord (UTM)				**Surface Owner**				

Participants

M. Jones (UDOGM), T. Eaton (Newfield), J. Davis (SITLA), A. Hansen (DWR).

Regional/Local Setting & Topography

This location is proposed approximately 14 road miles southwest of Myton, Utah. The topography is rolling hills and dry wash drainages. Proposed bottom hole is northeast of wellhead. This well is proposed on an existing well pad. There is no additional pad disturbance planned. The old pit area will be re-disturbed for the new pit.

Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat

New Road Miles	Well Pad		Src Const Material	Surface Formation
0	**Width** 125	**Length** 310	Onsite	

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
existing well pad.

Soil Type and Characteristics
gravely clay

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y
Berm location to prevent fluids from entering and/or leaving the pad.

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

Dugout earthen (80' x 40' x 8') excluded from pad dimensions.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

Other Observations / Comments

Mark Jones	8/10/2011
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4288	43013509080000	SITLA	OW	S	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	
Well Name	GMBU H-2-9-15	**Unit**	GMBU (GRRV)
Field	MONUMENT BUTTE	**Type of Work**	DRILL
Location	SENW 2 9S 15E S 1893 FNL 1639 FWL GPS Coord (UTM) 568264E 4434740N		

Geologic Statement of Basis

Newfield proposes to set 300 feet of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 250'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect useable sources of underground water.

Brad Hill	8/16/2011
APD Evaluator	**Date / Time**

Surface Statement of Basis

This location is proposed approximately 14 road miles southwest of Myton, Utah. The topography is rolling hills and dry wash drainages. Proposed bottom hole is northeast of wellhead. This well is proposed on an existing well pad. There is no additional pad disturbance planned. The old pit area will be re-disturbed for the new pit.

Mark Jones	8/10/2011
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: September 20, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/29/2011
API NO. ASSIGNED: 43013509080000
WELL NAME: GMBU H-2-9-15
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)
PHONE NUMBER: 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: SENW 02 090S 150E
Permit Tech Review: ☑

SURFACE: 1893 FNL 1639 FWL
Engineering Review: ☑

BOTTOM: 1171 FNL 2510 FEL
Geology Review: ☑

COUNTY: DUCHESNE
LATITUDE: 40.06204
LONGITUDE: -110.19958
UTM SURF EASTINGS: 568264.00
NORTHINGS: 4434740.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 3 - State
LEASE NUMBER: ML-43538
PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE
SURFACE OWNER: 3 - State
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
15 - Directional - dmason
27 - Other - bhill

RECEIVED: September 20, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: GMBU H-2-9-15
API Well Number: 43013509080000
Lease Number: ML-43538
Surface Owner: STATE
Approval Date: 9/20/2011

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Cement volumes for the 8 5/8" and 5 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet

- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-43538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU H-2-9-15

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013509080000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1893 FNL 1639 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 02 Township: 09.0S Range: 15.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/20/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: September 13, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 8/31/2012

RECEIVED: Aug. 31, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013509080000

API: 43013509080000
Well Name: GMBU H-2-9-15
Location: 1893 FNL 1639 FWL QTR SENW SEC 02 TWNP 090S RNG 150E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 9/20/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 8/31/2012
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Aug. 31, 2012

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro 8
Submitted By Branden Arnold Phone Number _____
Well Name/Number GMBU H-2-9-15
Qtr/Qtr SE/NW Section 2 Township 9S Range 15E
Lease Serial Number ML-43538
API Number 43-013-50908

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 3/6/13 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 3/6/13 3:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	UTAH STATE ML-43538
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	GMBU
1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER	8. WELL NAME and NUMBER: GMBU H-2-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301350908
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1893 FNL 1639 FWL	COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 2, T9S, R15E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
03/08/2013	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 3/7/13 MIRU Pro Petro # 8. Spud well @9:00 AM. Drill 319' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 313.18. On 3/8/13 cement with 175 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 5 barrels cement to pit. WOC.

RECEIVED
MAR 15 2013
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Branden Arnold TITLE

SIGNATURE DATE 03/11/2013

(This space for State use only)

Casing / Liner Detail

Well	GMBU H-2-9-15
Prospect	GMBU
Foreman	
Run Date:	
String Type	Conductor, 14", 36.75#, H-40, W (Welded)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
21.00			10' KB		
10.00	11.00		Conductor	14.000	13.500
21.00			-		

Cement Detail

Cement Company:

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives

Stab-In-Job?	
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	
Displacement Rate:	
Displacement Volume:	
Mud Returns:	
Centralizer Type And Placement:	

Cement To Surface?	
Est. Top of Cement:	
Plugs Bumped?	
Pressure Plugs Bumped:	
Floats Holding?	
Casing Stuck On / Off Bottom?	
Casing Reciprocated?	
Casing Rotated?	
CIP:	
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

Casing / Liner Detail

Well	GMBU H-2-9-15
Prospect	GMBU
Foreman	
Run Date:	
String Type	Surface, 8.625", 24#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
313.18			10' KB		
10.00	1.42		Wellhead		
11.42	256.53	6	8 5/8 Casing	8.625	
267.95	44.26	1	Shoe Joint	8.625	
312.21	0.97		Guide Shoe	8.625	
313.18			-		

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives
Slurry 1	175	15.8	1.17	204.75	Class G+2%kcl+.25#CF

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	Water
Displacement Rate:	
Displacement Volume:	16.5
Mud Returns:	
Centralizer Type And Placement:	
Middle of first, top of second and third for a total of three.	

Cement To Surface?	Yes
Est. Top of Cement:	0
Plugs Bumped?	Yes
Pressure Plugs Bumped:	450
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reciprocated?	No
Casing Rotated?	No
CIP:	9:10
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301350909	GMBU M-2-9-15	SENW	2	9S	15E	DUCHESNE	3/7/2013	3/28/13

WELL 1 COMMENTS:

ACTION B	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	17400	4301350908	GMBU H-2-9-15	SENW	2	9S	15E	DUCHESNE	3/7/2013	3/28/13

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18958	4304752028	UTE TRIBAL 5-21-4-2E	SWNE	21	4S	2E	UINTAH	3/5/2013	3/28/13

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301351049	GMBU J-5-9-17	SWNW	5	9S	17E	DUCHESNE	3/9/2013	3/28/13

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301351048	GMBU O-4-9-17	SWNW	4	9S	17E	DUCHESNE	3/8/2013	3/28/13

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18982	4304752019	UTE TRIBAL 15-9-4-1E	SWSE	9	4S	1E	UINTAH	3/13/2013	3/28/13

A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

Tabitha Timothy
Signature
Production Clerk
03/18/13

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
MAR 18 2013
Div. of Oil, Gas & Mining

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-43538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU H-2-9-15

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013509080000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1893 FNL 1639 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 02 Township: 09.0S Range: 15.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 4/30/2013	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 04/30/2013 at 11:00 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 08, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 5/8/2013

RECEIVED: May. 08, 2013

API Well Number: 43013509080000

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT PBTVD 6240'

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: ML-43538

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: GMBU (GRRV)

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: GMBU H-2-9-15

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*: (435) 646-3721

9. AFI Well No.: 43-013-50908

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 1893' FNL & 1639' FWL (SE/NW) SEC. 2, T9S, R15E

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 2, T9S, R15E

At top prod. interval reported below: 1352' FNL & 2307' FWL (SE/NW) SEC. 2, T9S, R15E

At total depth: 1165' FNL & 2538' FWL (NE/NW) SEC. 2, T9S, R15E

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
03/07/2013	03/24/2013	☐ D & A ☑ Ready to Prod. 04/30/2013	5949' GL 5959' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6412' TVD 6290'	MD 6370' TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	313'		175 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6394'		450 50/50 POZ		217'	
						220 PREMLITE			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5981'	TA @ 5883'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4900' MD	5904' MD	4900-5904' MD	0.34"	51	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4900-5904' MD	Frac w/ 165499#s 20/40 white sand in 1728 bbls of Lightning 17 fluid, in 4 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/30/13	5/9/13	24	→	7	0	58			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

NO MEASURABLE GAS

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	3806'
				GARDEN GULCH 1	4045'
				GARDEN GULCH 2	4162'
				POINT 3	4433'
				X MRKR	4708'
				Y MRKR	4749'
				DOUGLAS CREEK MRK	4861'
				BI CARBONATE MRK	5117'
				B LIMESTONE MRK	5234'
				CASTLE PEAK	5811'
				BASAL CARBONATE	6243'
				WASATCH	6375'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Jennifer Peatross Title Production Technician

Signature Jennifer Peatross Date 05/31/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 2 T9, R15
H-2-9-15
Wellbore #1

Design: Actual

End of Well Report

13 August, 2013

PAYZONE DIRECTIONAL

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NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Myton SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 2 T9, R15

Site Position:		**Northing:**	7,191,145.41 ft	**Latitude:**	40° 3' 15.350 N
From:	Lat/Long	**Easting:**	2,005,088.49 ft	**Longitude:**	110° 11' 49.770 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.83 °

Well H-2-9-15, SHL LAT: 40 03 43.29 LONG: -110 12 07.81

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,193,951.74 ft	**Latitude:**	40° 3' 43.290 N
	+E/-W	0.0 ft	**Easting:**	2,003,644.93 ft	**Longitude:**	110° 12' 7.810 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,959.0 ft	**Ground Level:**	5,949.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/25/2011	11.37	65.78	52,254

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	51.05

Survey Program Date 8/13/2013

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
344.0	6,412.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

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NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Mylon SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
344.0	0.30	231.90	344.0	-0.9	-0.6	-0.7	0.09	0.09	0.00
375.0	0.40	215.80	375.0	-1.1	-0.7	-0.8	0.45	0.32	-51.94
405.0	0.50	222.60	405.0	-1.3	-0.9	-1.0	0.38	0.33	22.67
435.0	0.20	200.20	435.0	-1.5	-1.0	-1.1	1.08	-1.00	-74.67
466.0	0.40	127.90	466.0	-1.5	-1.1	-1.0	1.25	0.65	-233.23
496.0	0.80	117.20	496.0	-1.4	-1.3	-0.8	1.38	1.33	-35.67
527.0	1.50	109.20	527.0	-1.1	-1.5	-0.2	2.31	2.26	-25.81
557.0	1.80	104.30	557.0	-0.6	-1.8	0.6	1.10	1.00	-16.33
588.0	2.20	101.40	588.0	0.1	-2.0	1.7	1.33	1.29	-9.35
618.0	2.60	102.50	617.9	0.8	-2.3	2.9	1.34	1.33	3.67
649.0	2.90	104.10	648.9	1.8	-2.6	4.4	1.00	0.97	5.16
679.0	3.10	104.00	678.9	2.7	-3.0	5.9	0.67	0.67	-0.33
710.0	3.50	96.30	709.8	3.9	-3.3	7.7	1.92	1.29	-24.84
740.0	4.20	89.30	739.7	5.4	-3.4	9.7	2.81	2.33	-23.33
770.0	4.60	86.50	769.6	7.2	-3.3	12.0	1.51	1.33	-9.33
800.0	5.10	85.00	799.5	9.3	-3.1	14.5	1.72	1.67	-5.00
831.0	5.50	84.30	830.4	11.7	-2.8	17.3	1.31	1.29	-2.26
862.0	5.90	82.20	861.3	14.3	-2.5	20.4	1.45	1.29	-6.77
892.0	6.40	79.40	891.1	17.1	-2.0	23.6	1.94	1.67	-9.33
923.0	6.90	78.10	921.9	20.3	-1.3	27.1	1.68	1.61	-4.19
953.0	7.30	76.90	951.6	23.6	-0.5	30.7	1.42	1.33	-4.00
984.0	7.70	72.10	982.4	27.3	0.6	34.6	2.40	1.29	-15.48
1,014.0	8.00	70.60	1,012.1	31.1	1.9	38.5	1.21	1.00	-5.00
1,045.0	8.00	68.50	1,042.8	35.2	3.4	42.5	0.94	0.00	-6.77
1,090.0	8.50	64.90	1,087.3	41.5	6.0	48.5	1.60	1.11	-8.00
1,136.0	9.10	60.30	1,132.8	48.3	9.2	54.7	2.01	1.30	-10.00

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NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Myton SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
1,180.0	9.90	60.60	1,176.2	55.5	12.8	51.0	1.82	1.82	0.68
1,226.0	10.60	58.60	1,221.4	63.6	17.0	58.1	1.71	1.52	-4.35
1,272.0	10.50	56.20	1,266.7	72.0	21.5	65.2	0.98	-0.22	-5.22
1,317.0	10.60	55.00	1,310.9	80.2	26.2	72.0	0.54	0.22	-2.67
1,361.0	10.70	54.00	1,354.2	88.3	30.9	78.6	0.48	0.23	-2.27
1,407.0	11.00	49.10	1,399.3	96.9	36.3	85.3	2.11	0.65	-10.65
1,453.0	11.60	45.00	1,444.4	105.9	42.4	91.9	2.18	1.30	-8.91
1,497.0	12.30	43.00	1,487.5	115.0	49.0	98.3	1.85	1.59	-4.55
1,541.0	12.90	42.30	1,530.4	124.5	56.0	104.8	1.41	1.36	-1.59
1,584.0	13.50	40.90	1,572.3	134.2	63.4	111.3	1.58	1.40	-3.26
1,630.0	13.60	40.70	1,617.0	144.8	71.5	118.3	0.24	0.22	-0.43
1,676.0	13.40	40.30	1,661.7	155.3	79.7	125.3	0.48	-0.43	-0.87
1,720.0	12.80	39.20	1,704.6	165.1	87.4	131.7	1.48	-1.36	-2.50
1,766.0	12.50	40.50	1,749.5	175.0	95.1	138.1	0.90	-0.65	2.83
1,811.0	12.30	40.40	1,793.4	184.5	102.4	144.4	0.45	-0.44	-0.22
1,857.0	12.10	41.40	1,838.4	194.0	109.8	150.8	0.63	-0.43	2.17
1,903.0	11.80	43.60	1,883.4	203.5	116.8	157.2	1.19	-0.65	4.78
1,947.0	11.20	46.00	1,926.5	212.2	123.0	163.4	1.74	-1.36	5.45
1,992.0	11.00	49.90	1,970.7	220.8	128.8	169.8	1.73	-0.44	8.67
2,036.0	10.70	52.80	2,013.9	229.1	134.0	176.3	1.42	-0.68	6.59
2,080.0	10.80	51.40	2,057.1	237.3	139.1	182.7	0.64	0.23	-3.18
2,126.0	11.60	50.00	2,102.2	246.2	144.7	189.6	1.84	1.74	-3.04
2,172.0	12.00	51.30	2,147.3	255.6	150.7	196.9	1.04	0.87	2.83
2,216.0	12.70	49.00	2,190.2	265.1	156.7	204.1	1.94	1.59	-5.23
2,261.0	13.00	49.00	2,234.1	275.1	163.3	211.7	0.67	0.67	0.00
2,307.0	13.30	48.40	2,278.9	285.5	170.2	219.6	0.72	0.65	-1.30
2,351.0	13.30	49.80	2,321.7	295.6	176.8	227.2	0.73	0.00	3.18

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NEWFIELD

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End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Myton SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
2,395.0	13.20	51.30	2,364.6	305.7	183.2	245.0	0.81	-0.23	3.41
2,441.0	13.40	52.50	2,409.3	316.3	189.8	253.3	0.74	0.43	2.61
2,487.0	13.70	53.60	2,454.0	327.1	196.2	261.9	0.86	0.65	2.39
2,532.0	14.10	54.60	2,497.7	337.9	202.6	270.7	1.04	0.89	2.22
2,578.0	14.00	52.20	2,542.4	349.0	209.2	279.7	1.29	-0.22	-5.22
2,622.0	13.40	51.00	2,585.1	359.4	215.7	287.8	1.51	-1.36	-2.73
2,666.0	12.90	50.40	2,627.9	369.4	222.0	295.6	1.18	-1.14	-1.36
2,710.0	12.70	49.40	2,670.9	379.2	228.3	303.0	0.68	-0.45	-2.27
2,754.0	12.80	49.50	2,713.8	388.9	234.6	310.4	0.23	0.23	0.23
2,797.0	12.90	49.10	2,755.7	398.5	240.9	317.7	0.31	0.23	-0.93
2,841.0	12.70	47.30	2,798.6	408.2	247.4	324.9	1.01	-0.45	-4.09
2,887.0	13.60	47.60	2,843.4	418.6	254.4	332.6	1.96	1.96	0.65
2,933.0	14.10	48.50	2,888.1	429.6	261.8	340.8	1.18	1.09	1.96
2,979.0	13.90	47.90	2,932.7	440.7	269.2	349.1	0.54	-0.43	-1.30
3,025.0	13.40	47.70	2,977.4	451.6	276.5	357.2	1.09	-1.09	-0.43
3,070.0	13.00	47.80	3,021.2	461.8	283.4	364.8	0.89	-0.89	0.22
3,114.0	13.50	49.60	3,064.0	471.9	290.1	372.3	1.47	1.14	4.09
3,158.0	14.20	51.30	3,106.7	482.4	296.8	380.5	1.84	1.59	3.86
3,203.0	13.50	49.70	3,150.4	493.2	303.6	388.8	1.77	-1.56	-3.56
3,248.0	13.10	49.90	3,194.2	503.6	310.3	396.7	0.89	-0.89	0.44
3,293.0	13.60	52.00	3,238.0	514.0	316.8	404.8	1.55	1.11	4.67
3,339.0	14.00	52.20	3,282.7	524.9	323.6	413.4	0.88	0.87	0.43
3,385.0	13.80	52.30	3,327.3	536.0	330.3	422.2	0.44	-0.43	0.22
3,431.0	13.40	51.40	3,372.1	546.8	337.0	430.7	0.98	-0.87	-1.96
3,475.0	13.40	51.40	3,414.9	557.0	343.4	438.6	0.00	0.00	0.00
3,520.0	12.80	50.60	3,458.7	567.2	349.8	446.6	1.39	-1.33	-1.78
3,566.0	13.10	50.60	3,503.5	577.5	356.3	454.5	0.65	0.65	0.00

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NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Myton SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
3,612.0	12.70	48.50	3,548.4	587.8	363.0	462.3	1.34	-0.87	-4.57
3,656.0	12.30	48.50	3,591.3	597.3	369.3	469.5	0.91	-0.91	0.00
3,700.0	12.60	49.90	3,634.3	606.8	375.5	476.7	0.97	0.68	3.18
3,746.0	12.90	49.00	3,679.1	616.9	382.1	484.4	0.78	0.65	-1.96
3,790.0	12.30	46.40	3,722.1	626.5	388.6	491.5	1.88	-1.36	-5.91
3,834.0	11.60	44.30	3,765.1	635.5	395.0	498.0	1.87	-1.59	-4.77
3,877.0	11.90	45.80	3,807.2	644.3	401.2	504.1	1.00	0.70	3.49
3,923.0	11.80	49.70	3,852.2	653.7	407.5	511.1	1.75	-0.22	8.48
3,967.0	11.90	49.30	3,895.3	662.7	413.4	518.0	0.29	0.23	-0.91
4,013.0	11.90	50.20	3,940.3	672.2	419.5	525.2	0.40	0.00	1.96
4,057.0	11.90	48.80	3,983.4	681.3	425.4	532.1	0.66	0.00	-3.18
4,103.0	12.00	49.30	4,028.4	690.8	431.6	539.3	0.31	0.22	1.09
4,148.0	12.50	49.90	4,072.4	700.3	437.8	546.6	1.15	1.11	1.33
4,194.0	13.10	49.10	4,117.2	710.5	444.4	554.4	1.36	1.30	-1.74
4,240.0	12.50	49.30	4,162.1	720.7	451.1	562.1	1.31	-1.30	0.43
4,284.0	12.00	48.20	4,205.1	730.0	457.3	569.1	1.25	-1.14	-2.50
4,328.0	12.10	48.80	4,248.1	739.2	463.3	576.0	0.36	0.23	1.36
4,373.0	12.20	49.10	4,292.1	748.7	469.6	583.1	0.26	0.22	0.67
4,419.0	12.10	50.10	4,337.1	758.3	475.8	590.5	0.51	-0.22	2.17
4,465.0	11.60	50.20	4,382.1	767.8	481.9	597.7	1.09	-1.09	0.22
4,509.0	11.30	51.60	4,425.2	776.5	487.4	604.5	0.93	-0.68	3.18
4,553.0	11.10	50.70	4,468.4	785.1	492.8	611.2	0.60	-0.45	-2.05
4,599.0	11.70	50.40	4,513.5	794.2	498.5	618.2	1.31	1.30	-0.65
4,642.0	11.80	49.40	4,555.6	802.9	504.2	624.9	0.53	0.23	-2.33
4,686.0	11.70	46.90	4,598.6	811.9	510.2	631.6	1.18	-0.23	-5.68
4,732.0	12.00	48.10	4,643.6	821.3	516.5	638.5	0.84	0.65	2.61
4,778.0	12.20	51.40	4,688.6	830.9	522.8	645.9	1.57	0.43	7.17

RECEIVED: Aug. 29, 2013

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Myton SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
4,824.0	12.10	49.10	4,733.6	840.6	528.9	653.3	1.07	-0.22	-5.00
4,869.0	11.80	49.70	4,777.6	849.9	535.0	660.4	0.72	-0.67	1.33
4,915.0	12.20	51.80	4,822.6	859.5	541.1	667.8	1.29	0.87	4.57
4,961.0	12.20	53.10	4,867.6	869.2	547.0	675.5	0.60	0.00	2.83
5,005.0	12.30	53.70	4,910.6	878.5	552.5	683.0	0.37	0.23	1.36
5,051.0	12.20	54.90	4,955.5	888.3	558.2	690.9	0.59	-0.22	2.61
5,096.0	11.70	54.70	4,999.6	897.6	563.6	698.6	1.11	-1.11	-0.44
5,142.0	11.10	51.70	5,044.6	906.7	569.1	705.8	1.83	-1.30	-6.52
5,188.0	10.80	48.70	5,089.8	915.4	574.6	712.5	1.40	-0.65	-6.52
5,232.0	10.50	49.70	5,133.1	923.5	580.0	718.7	0.80	-0.68	2.27
5,278.0	10.30	48.40	5,178.3	931.8	585.4	725.0	0.67	-0.43	-2.83
5,298.5	10.20	47.64	5,198.5	935.5	587.8	727.7	0.81	-0.47	-3.68
H-2-9-15 TGT									
5,321.0	10.10	46.80	5,220.6	939.4	590.5	730.6	0.81	-0.46	-3.76
5,367.0	10.40	51.50	5,265.9	947.6	595.9	736.8	1.93	0.65	10.22
5,413.0	11.70	54.40	5,311.0	956.4	601.2	743.8	3.07	2.83	6.30
5,457.0	11.50	55.70	5,354.1	965.2	606.2	751.1	0.75	-0.45	2.95
5,501.0	11.30	55.90	5,397.3	973.9	611.1	758.3	0.46	-0.45	0.45
5,547.0	11.40	55.80	5,442.4	982.9	616.2	765.8	0.22	0.22	-0.22
5,592.0	11.60	54.20	5,486.5	991.9	621.4	773.1	0.84	0.44	-3.56
5,636.0	11.50	51.90	5,529.6	1,000.7	626.7	780.1	1.07	-0.23	-5.23
5,682.0	11.40	49.80	5,574.7	1,009.8	632.4	787.2	0.93	-0.22	-4.57
5,726.0	11.70	47.50	5,617.8	1,018.6	638.2	793.8	1.25	0.68	-5.23
5,772.0	12.00	44.30	5,662.8	1,028.0	644.8	800.6	1.57	0.65	-6.96
5,816.0	12.50	44.40	5,705.8	1,037.3	651.5	807.1	1.14	1.14	0.23
5,859.0	12.90	46.90	5,747.7	1,046.7	658.1	813.9	1.58	0.93	5.81
5,903.0	13.60	50.50	5,790.6	1,056.7	664.7	821.5	2.46	1.59	8.18

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NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well H-2-9-15
Project:	USGS Myton SW (UT)	**TVD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Site:	SECTION 2 T9, R15	**MD Reference:**	H-2-9-15 @ 5959.0ft (NDSI SS #1)
Well:	H-2-9-15	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
5,949.0	13.40	51.10	5,835.3	1,057.5	671.5	829.8	0.53	-0.43	1.30
5,995.0	13.30	50.90	5,880.0	1,078.1	678.2	838.1	0.24	-0.22	-0.43
6,039.0	13.10	49.90	5,922.9	1,088.2	684.6	845.8	0.69	-0.45	-2.27
6,083.0	12.20	49.90	5,965.8	1,097.8	690.8	853.2	2.05	-2.05	0.00
6,129.0	10.90	49.50	6,010.9	1,107.0	696.8	860.2	2.83	-2.83	-0.87
6,174.0	10.50	52.20	6,055.1	1,115.3	702.1	866.7	1.42	-0.89	6.00
6,218.0	10.10	53.40	6,098.4	1,123.2	706.8	872.9	1.03	-0.91	2.73
6,264.0	9.90	51.70	6,143.7	1,131.2	711.7	879.3	0.78	-0.43	-3.70
6,308.0	9.60	49.00	6,187.1	1,138.6	716.4	885.0	1.24	-0.68	-6.14
6,354.0	10.10	50.80	6,232.4	1,146.5	721.5	891.0	1.28	1.09	3.91
6,359.0	10.10	50.60	6,237.3	1,147.4	722.0	891.7	0.70	0.00	-4.00
6,412.0	10.10	50.60	6,289.5	1,156.7	727.9	898.9	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

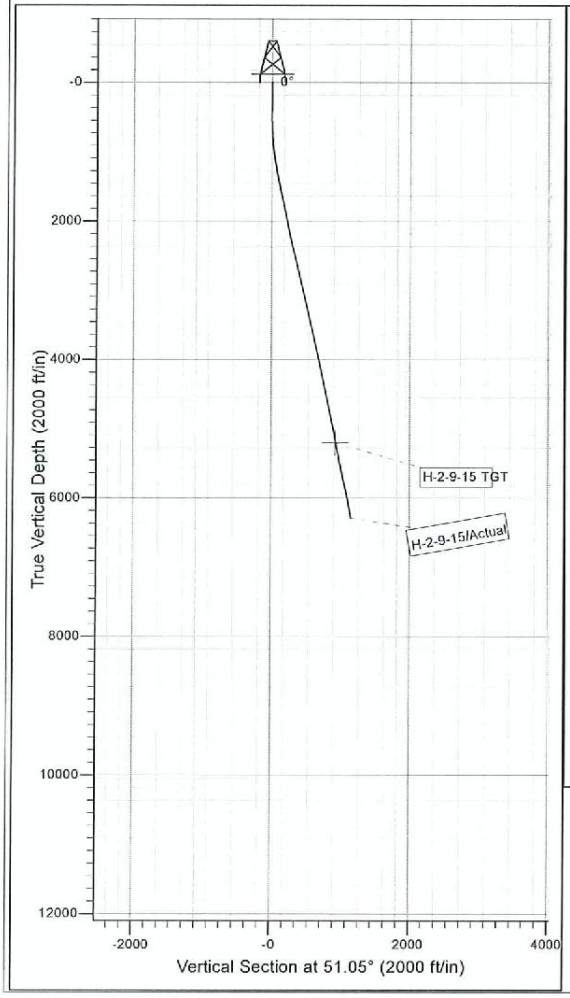
NEWFIELD

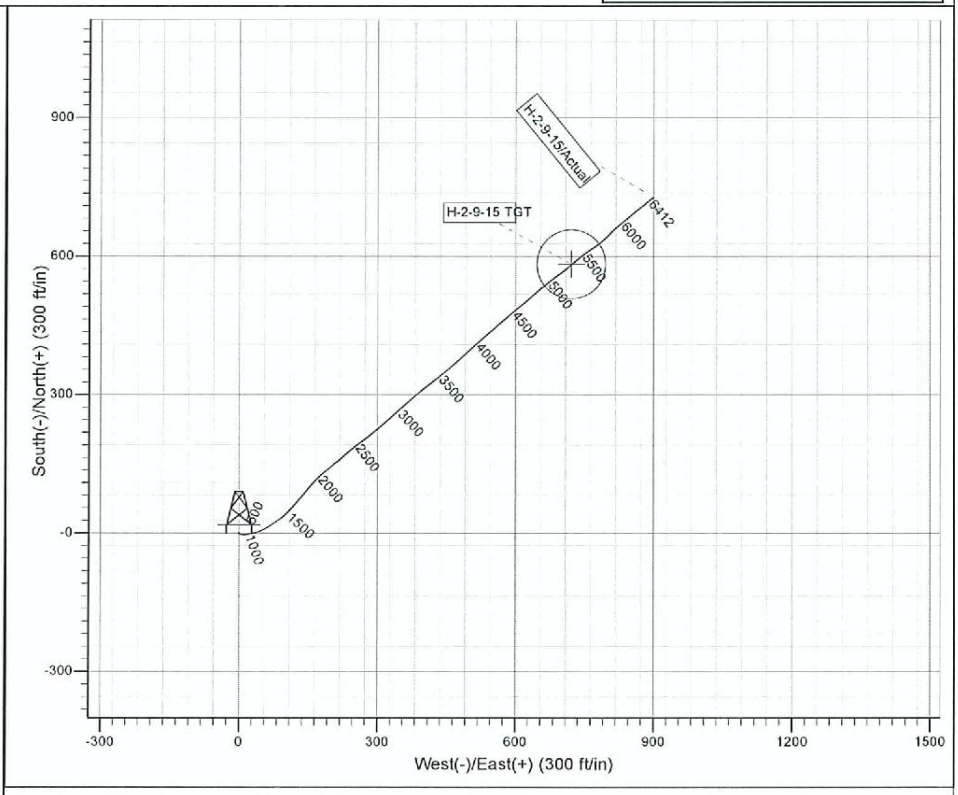
Project: USGS Myton SW (UT)
Site: SECTION 2 T9, R15
Well: H-2-9-15
Wellbore: Wellbore #1
Design: Actual

T M

Azimuths to True North
Magnetic North: 11.37°

Magnetic Field
Strength: 52253.6snT
Dip Angle: 65.78°
Date: 6/25/2011
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (H-2-9-15/Wellbore #1)

Created By: Sarah Webb Date: 17:09, August 13 2013

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

RECEIVED: Aug. 29, 2013

Daily Activity Report

Format For Sundry

GMBU H-2-9-15

2/1/2013 To 6/30/2013

4/9/2013 Day: 1 **Completion**

Rigless on 4/9/2013 - Run CBL. Press test BOPs, Csg Valves & Csg. Perforate 1st Stage - NU 7" 5K Weatherford BOP & FMC Frac Valve. RU Extreme WLT w/ Crane & run CBL. WLTD @ 6344' & cement top @ 217'. RU B&C Quick Test Press Testing Unit pressure test HYD Chamber. Press Test casing, blind rams, csg & casing valves to 4300 psi. Press test Top of Frac Valve & Lubricator to 5000 psi Perforate stage #1, CP-1&2 sds @ (5902-04', 5873-74', 5867-68', 5859-60') w/ 3 1/8" Disposible guns (16 gram .34" EH 22" pen w/120? phasing) w/ 3 spf for total of 15 shots. RD B&C Quick Test & Extreme WLT Wait on frac crew EWTR139 BBLS
Daily Cost: $0
Cumulative Cost: $32,343

4/11/2013 Day: 2 **Completion**

Rigless on 4/11/2013 - Frac & Flow Back Well - SICP 1839 psi open Well on 25/64 choke to pit @ 3 BPM Shut Well In @ 9:30pm Trace Off Oil a lot off gas Was reported. Recovered Est 500 bbls water - Spot in & RU Baker Hughes frac equip. - (Stg #1) Hold Safety meeting & JSA, Press test lines to 4800 psi, Open well w/ 22 psi, Break down CP-1 & CP-2 formations @ 3279 psi w/ 4.8 bbls 7% KCL @ 3.6 bpm, ISIP 1911, F.G. .78,(1-min 1650 psi 4-min 1556 psi), Pump 6 bbls 15% HCL, Pump 82 bbls 7% KCL to get rate, 15 BBls x-link, Pumped 35 bbls 7% KCL 1-4# sand (ramped), Pumped 65 bbls 7% KCL 4-6# sand (ramped), Pumped 10 bbls 7% KCL 6# sand (hold), Pumped 12 bbls 15% HCL, Pumped 139.7 bbls 7% KCL flush, ISIP 2006 psi. FG.79. Max psi 3795, Avg psi 3474, Max rate 34, Avg rate 34 bpm, Pumped 23,479# sand in formation, Pumped 370 bbls. - (Stg #2) RU Extreme wireline, Press test lube w/ Baker to 4000 psi, MU & RIH w/ 3 1/8" Disposable Slick Guns (16g, 0.34 EH, 21.00 pen) & WFT 5 1/2" 6K CFTP, Set plug @ 5570', Perforate LODC formation @ 5494-96', 5482-84', (12 holes), POOH W/ wireline, RD wireline, SWI - (Stg #2) Hold Safety meeting & JSA, Press test lines to 4800 psi, Open well w/ 1754 psi, Break down LODC formations @ 3290 psi w/ 2.9 bbls 7% KCL @ 3.6 bpm, Pump 41 bbls 7% KCL to get rate, 15 BBls x-link, Pumped 113 bbls 7% KCL 1-4# sand (ramped), Pumped 216 bbls 7% KCL 4-6# sand (ramped), Pumped 45 bbls 7% KCL 6# sand (hold), Pumped 12 bbls 15% HCL, Pumped 130.7 bbls 7% KCL flush, ISIP 2979 psi. FG.96. Max psi 3298 psi , Avg psi 3161 psi, Max rate 29.5, Avg rate 29.5 bpm, Pumped 69,645# sand in formation, Pumped 576 Total bbls. - (Stg #3) RU Extreme wireline, Press test lube w/ Baker to 4000 psi, MU & RIH w/ 3 1/8" Disposable Slick Guns (16g, 0.34 EH, 21.00 pen) & WFT 5 1/2" 6K CFTP, Set plug @ 5240', Perforate B1 formation @ 5162-64', 5157-59', (12 holes), POOH W/ wireline, RD wireline, SWI - (Stg #3) Hold Safety meeting & JSA, Press test lines to 4800 psi, Open well w/ 2010 psi, Break down B1 formation @ 2699 psi w/ 1.3 bbls 7% KCL @ 3.3 bpm, Pump 34 bbls 7% KCL to get rate & XL, Pump15 BBls Pad, Pumped 27 bbls 7% KCL 1-4# sand (ramped), Pumped 52 bbls 7% KCL 4-6# sand (ramped), Pumped 8 bbls 7% KCL 6# sand (hold), Pumped 12 bbls 15% HCL, Pumped 124 bbls 7% KCL flush, ISIP 1886 psi. FG.82. Max psi 3430, Avg psi 3264, Max rate 29.5, Avg rate 29.5 bpm, ISIP 1866, F.G. .82, Pumped 16,481# sand in formation, Pumped 274 Total bbls. - (Stg #4) RU Extreme wireline, Press test lube w/ Baker to 4000 psi, MU & RIH w/ 3 1/8" Disposable Slick Guns (16g, 0.34 EH, 21.00 pen) & WFT 5 1/2" 6K CIBP, Set plug @5110', Perforate D1 formation @ 4908-10', 4900-02', (12 holes), POOH W/ wireline, RD wireline, SWI - (Stg #4) Hold Safety meeting & JSA, Press test lines to 4800 psi, Open well w/ 1017 psi, Break down D1 formation @ 3350 psi w/ 1.4 bbls 7% KCL @ 3.7 bpm, Pump 23 bbls 7% KCL to get rate & XL, Pump15 BBls Pad, Pumped 92 bbls 7% KCL 1-4# sand (ramped), Pumped 176 bbls 7%

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KCL 4-6# sand (ramped), Pumped 42 bbls 7% KCL 6# sand (hold), Pumped 120 bbls 7% KCL flush, ISIP 2456 psi. FG.92. Max psi 3180, Avg psi 2940, Max rate 29.5, Avg rate 29.5 bpm, ISIP 2456 psi, F.G.92, Pumped 55,894# sand in formation, Pumped 470 Total bbls.
Daily Cost: $0
Cumulative Cost: $166,070

4/22/2013 Day: 3 **Completion**

Nabors #1406 on 4/22/2013 - MIRUSU, NU & Test BOPs, Un-load tbg, Tally & prep tbg, PU 158 -jts 2 7/8" tbg, Tag fill @ 4956', LD 2-jts tbg, RU pro-petro & spot 10.2 bbls cmt on D-1 perfs @ 4900'-02 & 4908'-10-, TOOH w/ 26-jts tbg, Hesitate & squeeze to 1500 psi & holding. - CREW TRAVEL - CREW TRAVEL & SAFETY MEETING - NU DRILL OUT BOPS, RU B&C QUICK TEST, TEST HYD CHAMBERS & PIPE RAMS, GOOD TESTS - MIRUSU, RU WORK FLOOR, UN-LOAD TBG ON PIPE RACKS, TALLY & PREP TBG - PICK UP LOCATION, LOCK BOPS - RU PRO-PETRO, ESTABLISH INJECT RATE, PUMP 8 BBLS @ 2.2 BPM @ 850 PSI, BATCH UP CMT, PUMP 10.2 BBLS 15.8# CLASS G CMT W/ 1/4 SACK CALCIUM, DISPLACE CMT W/ 25 BBLS & SPOT CMT ON PERFS (D-1 FORMATION @ 4900'-02', 4908'-10') WHILE HOLDING BACK PRESS ON BACK SIDE, RD PRO-PETRO - TOOH W/ 26-JTS TBG, FLUID WAS CHASING OUT OF HOLE FROM FORMATION PUSHING BACK AT US, EOT @ 4081', STAB VALVE & SWI - RU PRO-PETRO, START PUMPING SQUEEZE, HESITATED 5 TIMES IN 1HR & PUMPED TOTAL OF 7 BBLS IN TO D-1 FORMATION, LOCKED UP @ 1,500 PSI W/ NO LEAK OFF, 3 BBLS LEFT IN CSG, SWI, RD PRO-PETRO - CICP 1000 PSI, PUMPER SHUT WELL IN, BLEED OFF WELL, MU & TIH W/ 2 7/8" N/C, 2-JTS 2 7/8" J-55 TBG, 2 7/8" PSN, 156-JTS 2 7/8" J-55 TBG, TAG FILL @ 4956', LD 2-JTS TBG, EOT @ 4900'
Daily Cost: $0
Cumulative Cost: $181,246

4/24/2013 Day: 4 **Completion**

Nabors #1406 on 4/24/2013 - Check press 600 psi on well, TOOH w/ tbg, TIH w/ RBS mill, Tag cmt @ 4390', Drill out cmt & fell out 35' above perfs, (Appears cmt followed us up hole when tripping tbg), Well started flowing. - Crew Travel - Crew Travel - MU & TIH w/ RBS 4 3/4" mill, 114-jts tbg, EOT @ 3583', SWI - MU & TIH w/ RBS 4 3/4" mill, 114-jts tbg, EOT @ 3583', SWI - TOOH w/ 154-jts tbg, LD WFT mechanical setting tool. - TOOH w/ 154-jts tbg, LD WFT mechanical setting tool. - RU Pro-Petro to squeeze D-1 formation @ 4900'-02' & 4908'-10', Press test lines to 3000 psi, Est. inject rate @ 1.2 bpm @ 1000 psi, Press csg up to 500 psi to monitor on cement manifold, Pump 50 sks (10.2 bbls), 15.8# class G cement, Pump 19 bbls displacement for cmt to be on perfs, Press slowly walked up to get good walking squeeze @ 2200 psi & holding, Displaced total of 26.5 bbls leaving 1.5 bbls cement in pipe, Pumped 7 bbls cement in formation, Sting out of retainer & reverse out w/ 40 bbls, Returns cleaned up & retainer holding, RD Pro-Petro - RU Pro-Petro to squeeze D-1 formation @ 4900'-02' & 4908'-10', Press test lines to 3000 psi, Est. inject rate @ 1.2 bpm @ 1000 psi, Press csg up to 500 psi to monitor on cement manifold, Pump 50 sks (10.2 bbls), 15.8# class G cement, Pump 19 bbls displacement for cmt to be on perfs, Press slowly walked up to get good walking squeeze @ 2200 psi & holding, Displaced total of 26.5 bbls leaving 1.5 bbls cement in pipe, Pumped 7 bbls cement in formation, Sting out of retainer & reverse out w/ 40 bbls, Returns cleaned up & retainer holding, RD Pro-Petro - MU & RIH WFT 5 1/2" cement retainer & 154 jts 2 7/8" j-55 tbg, Set retainer @ 4836', Press test csg to 1000 psi, Good test. - MU & RIH WFT 5 1/2" cement retainer & 154 jts 2 7/8" j-55 tbg, Set retainer @ 4836', Press test csg to 1000 psi, Good test. - TOOH w/ 150-jts 2 7/8" tbg. - TOOH w/ 150-jts 2 7/8" tbg. - CICP 850 psi, CITP 900 psi, Bleed off well, RU pump & lines, Kill tbg w/ 20 bbls. - CICP 850 psi, CITP 900 psi, Bleed off well, RU pump & lines, Kill tbg w/ 20 bbls. - Crew Travel & Safety Meeting - Crew Travel & Safety Meeting - CREW TRAVEL - CREW TRAVEL - R/D POWER SWIVEL, POOH W/ 8 JTS , EOT @ 4715, SWIFN, DRAIN LINES AND PUMP - R/D POWER

SWIVEL, POOH W/ 8 JTS , EOT @ 4715, SWIFN, DRAIN LINES AND PUMP - BREAK CIRCULATION, PUMP DOWN CSG UP TBG, DRILL UP 475' OF CEMENT, FELL THROUGH CEMENT @ 4865 (35' ABOVE TOP PERF) CONTIUNED IN HOLE AND TAGGED FILL @ 4955, CLEANED OUT THE REST OF JT 158 TO 4966, CIRCULATE WELL CLEAN, WELL WAS FLOWING AND GASING. (APPEARS THAT WHEN SPOTTING CEMENT ON PERFS CEMENT WAS PUSHED UP HOLE BEHIND US FROM WELL PRESS WHEN TRIPPING TBG CAUSING CEMENT TO BE OFF DEPTH) - BREAK CIRCULATION, PUMP DOWN CSG UP TBG, DRILL UP 475' OF CEMENT, FELL THROUGH CEMENT @ 4865 (35' ABOVE TOP PERF) CONTIUNED IN HOLE AND TAGGED FILL @ 4955, CLEANED OUT THE REST OF JT 158 TO 4966, CIRCULATE WELL CLEAN, WELL WAS FLOWING AND GASING. (APPEARS THAT WHEN SPOTTING CEMENT ON PERFS CEMENT WAS PUSHED UP HOLE BEHIND US FROM WELL PRESS WHEN TRIPPING TBG CAUSING CEMENT TO BE OFF DEPTH) - R/U BASIC POWER SWIVEL - R/U BASIC POWER SWIVEL - MAKE UP 4 3/4" 3-WING JUNK MILL FROM RBS W/ BIT SUB, TIH W/ 140 JTS OF 2 7/8 J55 TBG AND TAGGED CEMENT @ 4390' (510' ABOVE PERFS) LAYED DOWN 17- JTS AND TIH W/ 16 REMAING JTS IN THE DERRICK - MAKE UP 4 3/4" 3-WING JUNK MILL FROM RBS W/ BIT SUB, TIH W/ 140 JTS OF 2 7/8 J55 TBG AND TAGGED CEMENT @ 4390' (510' ABOVE PERFS) LAYED DOWN 17- JTS AND TIH W/ 16 REMAING JTS IN THE DERRICK - POOH W/ 130- JTS 2 7/8 J55 TBG AND BROKE OFF BHA (NC) - POOH W/ 130- JTS 2 7/8 J55 TBG AND BROKE OFF BHA (NC) - SICP 600 PSI, SITP 600 PSI, OPEN WELL AND BLEED OFF, WELL DIED OFF - SICP 600 PSI, SITP 600 PSI, OPEN WELL AND BLEED OFF, WELL DIED OFF - CREW TRAVEL & SAFETY MEETING - CREW TRAVEL & SAFETY MEETING
Daily Cost: $0
Cumulative Cost: $195,137

4/26/2013 Day: 6 **Completion**

Nabors #1406 on 4/26/2013 - Drill out retainer & cement, Test csg lost 20 psi in 15-min - SICP 0 PSI, SITP 0 PSI , RIH W/ 40 JTS AND TAGGED @ 4834' (2' CEMENT ABOVE RETAINER) - R/U PWR SWIVEL - BREAK CIRCULATION, DRILL ON CEMENT RETAINER, FELL THRU RETAINER - DRILLED UP 75' OF CEMENT AND TBG FELL FREE @ 4915' - R/D PWR SWIVEL, CIRCULATE HOLE W/ 120 BBLS - LAY DOWN 2 JTS (EOT @ 4870') PRESSURE TEST CSG TO 1000 PSI, WATCHED FOR 15 MINUTES AND MAYBE LOSS 20 PSI. (GOOD TEST), SWIFN - CREW TRAVEL - CREW TRAVEL & SAFETY MEETING
Daily Cost: $0
Cumulative Cost: $218,032

4/27/2013 Day: 8 **Completion**

Nabors #1406 on 4/27/2013 - Check fluid level, No fluid entry, Drill out CIBP & 2 CFTP, Clean out to PBTD, Circulate well clean, SWI - 0 SICP, 0 SITP, OPEN UP WELL, RIH W/ SANDLINE AND TAGGED FLUID @ 3800' (NO FLUID ENTRY), POOH W/ SANDLINE AND LAY DOWN LUBICATOR - TOOH W/ 155 JTS OF 2 7/8 J55 TBG AND BREAK OFF MILL AND BIT SUB, BIT SUB WAS PARTIALY PLUGED W/ LARGE CHUNKS OF THE RETAINER AND 1 PIECE WAS IN THE MILL - TOOH W/ 155 JTS OF 2 7/8 J55 TBG AND BREAK OFF MILL AND BIT SUB, BIT SUB WAS PARTIALY PLUGED W/ LARGE CHUNKS OF THE RETAINER AND 1 PIECE WAS IN THE MILL - MAKE UP NEW 4 3/4 RBS MILL AND BIT SUB TIH W/ 155 JTS OF 2 7/8 J55 TBG - MAKE UP NEW 4 3/4 RBS MILL AND BIT SUB TIH W/ 155 JTS OF 2 7/8 J55 TBG - Travel time - Travel time - SICP 0 PSI, SITP 0 PSI, R/U LINE FROM SWAB TEE TO FLAT TANK, PICK UP SANDLINE LUBICATOR AND RIH W/SANDLINE, TAGGED FLUID @ SURFACE, PULLED BACK 4 BBLS FIRST RUN (SANDLINE WAS DRAGING UP HOLE), MADE SECOND RUN AND TAGGED FLUID @ 2500' BUT DID NOT BRING BACK FLUID (CUP WAS TRASHED), RIH W/ 3RD RUN (NEW CUP) TAGGED FLUID @ 2500 AND POOH AND NO FLUID, PARTED OUR SANDLINE - SICP 0 PSI, SITP 0 PSI, R/U LINE FROM SWAB TEE TO FLAT TANK, PICK UP SANDLINE LUBICATOR AND RIH W/SANDLINE, TAGGED FLUID @ SURFACE, PULLED BACK 4 BBLS FIRST RUN (SANDLINE

WAS DRAGING UP HOLE), MADE SECOND RUN AND TAGGED FLUID @ 2500' BUT DID NOT BRING BACK FLUID (CUP WAS TRASHED), RIH W/ 3RD RUN (NEW CUP) TAGGED FLUID @ 2500 AND POOH AND NO FLUID, PARTED OUR SANDLINE - - - LAYED DOWN 13-JTS, SWIFN, DRAIN HARDLINES - LAYED DOWN 13-JTS, SWIFN, DRAIN HARDLINES - R/D SWIVEL, P/U 23-JTS AND TAGGED FILL @ 6300' (70' FILL), R/U SWIVEL, BREAK CIRCULATION CLEAN OUT FILL AND TAGGED PBTD @ 6370', ROLL THE HOLE W/ 180 BBLS & CLEAN UP WELL - R/D SWIVEL, P/U 23-JTS AND TAGGED FILL @ 6300' (70' FILL), R/U SWIVEL, BREAK CIRCULATION CLEAN OUT FILL AND TAGGED PBTD @ 6370', ROLL THE HOLE W/ 180 BBLS & CLEAN UP WELL - R/D SWIVEL, PICK UP 8 JTS AND TAGGED FILL @ 5475' (95'), R/U POWER SWIVEL, BREAK CIRCULATION, CLEAN OUT FILL AND TAGGED PLUG @ 5570', DRILL UP PLUG (25 MINUTES) - R/D SWIVEL, PICK UP 8 JTS AND TAGGED FILL @ 5475' (95'), R/U POWER SWIVEL, BREAK CIRCULATION, CLEAN OUT FILL AND TAGGED PLUG @ 5570', DRILL UP PLUG (25 MINUTES) - PICKED UP 4 JTS AND TAGGED FILL @ 5230' (10'), BREAK CIRCULATION, DRILLED UP REST OF CIBP, TAGGED PLUG @ 5240' (1.75 HRS ON CONE AND PLUG) - PICKED UP 4 JTS AND TAGGED FILL @ 5230' (10'), BREAK CIRCULATION, DRILLED UP REST OF CIBP, TAGGED PLUG @ 5240' (1.75 HRS ON CONE AND PLUG) - BREAK CIRCULATION (120 BBLS), CLEAN OUT FILL AND TAGGED CIBP @ 5110'. DRILL UP PLUG (2 HRS) - BREAK CIRCULATION (120 BBLS), CLEAN OUT FILL AND TAGGED CIBP @ 5110'. DRILL UP PLUG (2 HRS) - RIH W/ 3 JTS AND TAGGED FILL @ 495'0 (160' FILL), R/U PWR SWIVEL - RIH W/ 3 JTS AND TAGGED FILL @ 495'0 (160' FILL), R/U PWR SWIVEL - 0 SICP, 0 SITP, OPEN UP WELL, RIH W/ SANDLINE AND TAGGED FLUID @ 3800' (NO FLUID ENTRY), POOH W/ SANDLINE AND LAY DOWN LUBICATOR - CREW TRAVEL & SAFETY MEETING - CREW TRAVEL & SAFETY MEETING - CREW TRAVEL - CREW TRAVEL - PICK UP SANDLINE LUBICATOR, TIE NEW SANDLINE FLAGS, TIH TO 4750 AND TALLY SANDLINE, POOH W/ SINKER BARS, RIH W/ SAND CUPS, SWITCHED TO WIRE CUPS DUE TO WEAR ON CUPS, MADE 15 RUNS (18 TOTAL) BROUGHT BACK 110 BBLS, SOME WERE DRY RUNS, ENDING FLUID @ 3800' SWIFN - PICK UP SANDLINE LUBICATOR, TIE NEW SANDLINE FLAGS, TIH TO 4750 AND TALLY SANDLINE, POOH W/ SINKER BARS, RIH W/ SAND CUPS, SWITCHED TO WIRE CUPS DUE TO WEAR ON CUPS, MADE 15 RUNS (18 TOTAL) BROUGHT BACK 110 BBLS, SOME WERE DRY RUNS, ENDING FLUID @ 3800' SWIFN - PARTED SANDLINE AND HAD TO PULL BACK OVER CROWN AND DO A INVESTIGATION, OPERATOR MISSED FLAGS & CROWNED OUT IN LUBRICATOR - PARTED SANDLINE AND HAD TO PULL BACK OVER CROWN AND DO A INVESTIGATION, OPERATOR MISSED FLAGS & CROWNED OUT IN LUBRICATOR

Daily Cost: $0
Cumulative Cost: $235,528

4/30/2013 Day: 9 **Completion**

Nabors #1406 on 4/30/2013 - Kill well, TOOH w/ tbg & drill out BHA, TIH w/ production tbg, Set TAC & land tbg on hanger w/ 18 k tension, PU pump & rods, Space out & seat pump, RU pumping unit & stroke test pump to 800 psi, GOOD, PWOP @ 18:00 - SICP 1000 PSI, SITP 850 PSI, PUMPED 100 BBLS DOWN TBG UP CSG AND KILLED WELL - MU & TIH W/ PRODUCTION TBG AS FOLLOWS: 2 7/8" NC, 2-JTS 2 7/8" J-55 TBG, 2 7/8" PSN, 1- JT 2 7/8" J-55 TBG, 5 1/2" B2-C TAC (45K SHEAR W/CARBIDE SLIPS) , 187- JTS 2 7/8" J-55 TBG (TAC @ 5882', PSN @ 5916', EOT @ 5980') - POOH W/ 190 JTS OF 2 7/8 J55 TBG AND BREAK OFF BIT - TIE BACK TO SINGLE LINE, SET TBG ANCHOR W/ 4' TBG SUB UNDER HANGER, R/D WORK FLOOR, N/D BOPS, PULL 4' SUB FROM UNDER HANGER, LAND WELL ON HANGER W/ 18K TENISION, N/U WELL HEAD, CHANGE OVER FOR RODS AND R/U WORK FLOOR - CREW TRAVEL & SAFETY MEETING - ROLL UNIT AND HANG HORSE HEAD, DID NOT STROKE UNIT PER PUMPER, PWOP @ 18:00 - STROKE TEST PUMP TO 800 PSI W/ RIG (GOOD TEST) - PICK UP AND PRIME CENT HYD PUMP # NF 2375 (2.5 X 1.75 X 24' RHAC & 224" MAX STROKE) AND TIH W/ RODS AS FOLLOWS: 28-7/8 8- PERS, 135- 3/4 4- PERS, 71- 7/8 4- PERS AND SPACED WELL W/ 2', 4', 6', 8' X 7/8" ROD SUBS, PICK UP POLISH RD - CREW TRAVEL

Daily Cost: $0

Cumulative Cost: $314,443

Pertinent Files: Go to File List

RECEIVED: Aug. 29, 2013